

ALMANAC XXXIV TRANSITS VISIBLE FROM VENUS IN CE

The almanac XXXIV contains a list of transits visible from Venus from the 1st millennium CE to the 125th millennium CE.

During the period of 250 000 years, the total number of transits visible from Venus is 30 165 transits visible from Venus (30 165 transits of Mercury).

1ST MILLENNIUM CE

This is a list of transits visible from Venus in the 1st millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 5-11-09 19:55 J | | 1723197.28 | 1723197.33 | 1723197.38 | 0.3681 | 0.3148 | |
| Mercury | 30-10-04 20:24 J | | 1732292.24 | 1732292.35 | 1732292.47 | 0.3693 | 0.2203 | |
| Mercury | 34-10-03 08:24 J | | 1733751.82 | 1733751.85 | 1733751.88 | 0.3677 | 0.3484 | |
| Mercury | 36-04-20 02:38 J | | 1734316.47 | 1734316.61 | 1734316.74 | 0.3691 | 0.1518 | |
| Mercury | 40-04-18 00:57 J | | 1735775.45 | 1735775.54 | 1735775.62 | 0.3678 | 0.2012 | |
| Mercury | 45-11-01 17:16 J | | 1737799.11 | 1737799.22 | 1737799.32 | 0.3679 | 0.0571 | |
| Mercury | 51-05-18 09:21 J | | 1739822.79 | 1739822.89 | 1739822.99 | 0.3680 | 0.0852 | |
| Mercury | 56-12-01 01:26 J | | 1741846.48 | 1741846.56 | 1741846.64 | 0.3681 | 0.2242 | |
| Mercury | 62-06-16 17:31 J | | 1743870.21 | 1743870.23 | 1743870.24 | 0.3682 | 0.3598 | |
| Mercury | 87-05-11 21:50 J | | 1752965.27 | 1752965.41 | 1752965.55 | 0.3692 | 0.1050 | |
| Mercury | 91-05-10 06:14 J | | 1754424.70 | 1754424.76 | 1754424.82 | 0.3677 | 0.2981 | |
| Mercury | 92-11-25 04:04 J | | 1754989.57 | 1754989.67 | 1754989.77 | 0.3691 | 0.2725 | |
| Mercury | 96-11-22 22:33 J | | 1756448.34 | 1756448.44 | 1756448.54 | 0.3678 | 0.1515 | |
| Mercury | 102-06-08 14:52 J | | 1758472.01 | 1758472.12 | 1758472.22 | 0.3679 | 0.0123 | |
| Mercury | 107-12-23 06:57 J | | 1760495.69 | 1760495.79 | 1760495.89 | 0.3680 | 0.1323 | |
| Mercury | 113-07-07 23:02 J | | 1762519.39 | 1762519.46 | 1762519.53 | 0.3681 | 0.2692 | |
| Mercury | 138-06-01 17:16 J | | 1771614.18 | 1771614.22 | 1771614.27 | 0.3693 | 0.3502 | |
| Mercury | 143-12-16 23:02 J | | 1773638.31 | 1773638.46 | 1773638.61 | 0.3692 | 0.0099 | |
| Mercury | 147-12-15 03:50 J | | 1775097.58 | 1775097.66 | 1775097.74 | 0.3677 | 0.2481 | |
| Mercury | 153-06-29 20:09 J | | 1777121.24 | 1777121.34 | 1777121.44 | 0.3678 | 0.1036 | |
| Mercury | 159-01-13 12:28 J | | 1779144.91 | 1779145.02 | 1779145.12 | 0.3679 | 0.0393 | |
| Mercury | 164-07-29 04:33 J | | 1781168.60 | 1781168.69 | 1781168.78 | 0.3680 | 0.1782 | |
| Mercury | 170-02-11 20:38 J | | 1783192.31 | 1783192.36 | 1783192.41 | 0.3682 | 0.3147 | |
| Mercury | 195-01-06 18:28 J | | 1792287.16 | 1792287.27 | 1792287.38 | 0.3693 | 0.2407 | |
| Mercury | 199-01-05 09:07 J | | 1793746.85 | 1793746.88 | 1793746.91 | 0.3677 | 0.3460 | |
| Mercury | 200-07-23 00:28 J | | 1794311.38 | 1794311.52 | 1794311.66 | 0.3691 | 0.1276 | |

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|---------|-------------------|------------|------------|------------|--------|--------|
| Mercury | 204-07-21 01:26 J | 1795770.47 | 1795770.56 | 1795770.65 | 0.3678 | 0.1997 |
| Mercury | 210-02-03 17:45 J | 1797794.14 | 1797794.24 | 1797794.35 | 0.3679 | 0.0566 |
| Mercury | 215-08-20 10:04 J | 1799817.82 | 1799817.92 | 1799818.02 | 0.3680 | 0.0859 |
| Mercury | 221-03-05 02:09 J | 1801841.51 | 1801841.59 | 1801841.67 | 0.3681 | 0.2240 |
| Mercury | 226-09-18 18:14 J | 1803865.24 | 1803865.26 | 1803865.28 | 0.3682 | 0.3597 |
| Mercury | 251-08-13 19:40 J | 1812960.18 | 1812960.32 | 1812960.45 | 0.3692 | 0.1281 |
| Mercury | 255-08-12 06:43 J | 1814419.72 | 1814419.78 | 1814419.84 | 0.3677 | 0.2964 |
| Mercury | 257-02-27 01:55 J | 1814984.47 | 1814984.58 | 1814984.69 | 0.3691 | 0.2457 |
| Mercury | 261-02-24 23:16 J | 1816443.37 | 1816443.47 | 1816443.56 | 0.3678 | 0.1514 |
| Mercury | 266-09-10 15:35 J | 1818467.04 | 1818467.15 | 1818467.25 | 0.3679 | 0.0166 |
| Mercury | 272-03-26 07:40 J | 1820490.72 | 1820490.82 | 1820490.92 | 0.3680 | 0.1330 |
| Mercury | 277-10-09 23:45 J | 1822514.42 | 1822514.49 | 1822514.56 | 0.3681 | 0.2699 |
| Mercury | 302-09-03 15:21 J | 1831609.13 | 1831609.14 | 1831609.14 | 0.3693 | 0.3690 |
| Mercury | 308-03-19 20:52 J | 1833633.23 | 1833633.37 | 1833633.52 | 0.3692 | 0.0151 |
| Mercury | 312-03-18 04:33 J | 1835092.61 | 1835092.69 | 1835092.77 | 0.3677 | 0.2466 |
| Mercury | 313-10-04 03:21 J | 1835657.63 | 1835657.64 | 1835657.65 | 0.3690 | 0.3670 |
| Mercury | 317-10-01 20:52 J | 1837116.27 | 1837116.37 | 1837116.47 | 0.3678 | 0.1019 |
| Mercury | 323-04-17 13:12 J | 1839139.94 | 1839140.05 | 1839140.15 | 0.3679 | 0.0404 |
| Mercury | 328-10-31 05:16 J | 1841163.63 | 1841163.72 | 1841163.81 | 0.3680 | 0.1797 |
| Mercury | 334-05-16 21:21 J | 1843187.34 | 1843187.39 | 1843187.44 | 0.3681 | 0.3155 |
| Mercury | 359-04-10 16:19 J | 1852282.08 | 1852282.18 | 1852282.29 | 0.3693 | 0.2585 |
| Mercury | 363-04-09 09:35 J | 1853741.87 | 1853741.90 | 1853741.94 | 0.3676 | 0.3443 |
| Mercury | 364-10-24 22:19 J | 1854306.29 | 1854306.43 | 1854306.57 | 0.3691 | 0.1043 |
| Mercury | 368-10-23 02:09 J | 1855765.50 | 1855765.59 | 1855765.68 | 0.3678 | 0.1972 |
| Mercury | 374-05-08 18:28 J | 1857789.17 | 1857789.27 | 1857789.38 | 0.3679 | 0.0548 |
| Mercury | 379-11-22 10:47 J | 1859812.85 | 1859812.95 | 1859813.05 | 0.3680 | 0.0876 |
| Mercury | 385-06-07 02:52 J | 1861836.54 | 1861836.62 | 1861836.70 | 0.3681 | 0.2252 |
| Mercury | 390-12-21 18:57 J | 1863860.27 | 1863860.29 | 1863860.31 | 0.3682 | 0.3604 |
| Mercury | 415-11-15 17:45 J | 1872955.10 | 1872955.24 | 1872955.37 | 0.3693 | 0.1467 |
| Mercury | 419-11-14 07:26 J | 1874414.75 | 1874414.81 | 1874414.87 | 0.3677 | 0.2939 |

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| Mercury | 421-05-31 23:45 J | 1874979.37 | 1874979.49 | 1874979.61 | 0.3691 | 0.2217 |
| Mercury | 425-05-30 00:00 J | 1876438.40 | 1876438.50 | 1876438.59 | 0.3678 | 0.1494 |
| Mercury | 430-12-13 16:19 J | 1878462.07 | 1878462.18 | 1878462.28 | 0.3679 | 0.0138 |
| Mercury | 436-06-28 08:24 J | 1880485.75 | 1880485.85 | 1880485.95 | 0.3680 | 0.1333 |
| Mercury | 442-01-12 00:28 J | 1882509.45 | 1882509.52 | 1882509.59 | 0.3681 | 0.2706 |
| Mercury | 472-06-21 18:57 J | 1893628.14 | 1893628.29 | 1893628.43 | 0.3692 | 0.0347 |
| Mercury | 476-06-20 05:02 J | 1895087.64 | 1895087.71 | 1895087.79 | 0.3677 | 0.2456 |
| Mercury | 478-01-06 00:57 J | 1895652.49 | 1895652.54 | 1895652.60 | 0.3691 | 0.3379 |
| Mercury | 482-01-03 21:35 J | 1897111.30 | 1897111.40 | 1897111.50 | 0.3678 | 0.1006 |
| Mercury | 487-07-20 13:55 J | 1899134.97 | 1899135.08 | 1899135.18 | 0.3679 | 0.0429 |
| Mercury | 493-02-02 06:00 J | 1901158.66 | 1901158.75 | 1901158.84 | 0.3680 | 0.1793 |
| Mercury | 498-08-18 22:04 J | 1903182.37 | 1903182.42 | 1903182.47 | 0.3681 | 0.3153 |
| Mercury | 523-07-13 14:24 J | 1912277.01 | 1912277.10 | 1912277.20 | 0.3693 | 0.2769 |
| Mercury | 527-07-12 10:19 J | 1913736.89 | 1913736.93 | 1913736.96 | 0.3677 | 0.3429 |
| Mercury | 529-01-26 20:09 J | 1914301.19 | 1914301.34 | 1914301.48 | 0.3692 | 0.0792 |
| Mercury | 533-01-25 02:52 J | 1915760.53 | 1915760.62 | 1915760.71 | 0.3678 | 0.1963 |
| Mercury | 538-08-10 19:12 J | 1917784.20 | 1917784.30 | 1917784.41 | 0.3678 | 0.0529 |
| Mercury | 544-02-24 11:31 J | 1919807.88 | 1919807.98 | 1919808.08 | 0.3680 | 0.0877 |
| Mercury | 549-09-09 03:35 J | 1921831.57 | 1921831.65 | 1921831.73 | 0.3681 | 0.2252 |
| Mercury | 555-03-25 19:40 J | 1923855.30 | 1923855.32 | 1923855.34 | 0.3682 | 0.3601 |
| Mercury | 580-02-17 15:35 J | 1932950.02 | 1932950.15 | 1932950.28 | 0.3692 | 0.1676 |
| Mercury | 584-02-16 08:09 J | 1934409.77 | 1934409.84 | 1934409.90 | 0.3677 | 0.2937 |
| Mercury | 585-09-02 21:21 J | 1934974.27 | 1934974.39 | 1934974.52 | 0.3691 | 0.1950 |
| Mercury | 589-09-01 00:28 J | 1936433.43 | 1936433.52 | 1936433.62 | 0.3678 | 0.1479 |
| Mercury | 595-03-17 16:47 J | 1938457.10 | 1938457.20 | 1938457.31 | 0.3679 | 0.0138 |
| Mercury | 600-09-30 09:07 J | 1940480.78 | 1940480.88 | 1940480.98 | 0.3680 | 0.1339 |
| Mercury | 606-04-16 01:12 J | 1942504.48 | 1942504.55 | 1942504.62 | 0.3681 | 0.2709 |
| Mercury | 636-09-23 16:47 J | 1953623.05 | 1953623.20 | 1953623.34 | 0.3692 | 0.0563 |
| Mercury | 640-09-22 05:45 J | 1955082.66 | 1955082.74 | 1955082.82 | 0.3677 | 0.2438 |
| Mercury | 642-04-09 22:47 J | 1955647.38 | 1955647.45 | 1955647.53 | 0.3691 | 0.3127 |

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| Mercury | 646-04-07 22:19 J | 1957106.32 | 1957106.43 | 1957106.53 | 0.3678 | 0.0998 |
| Mercury | 651-10-22 14:38 J | 1959130.00 | 1959130.11 | 1959130.21 | 0.3679 | 0.0435 |
| Mercury | 657-05-07 06:43 J | 1961153.69 | 1961153.78 | 1961153.87 | 0.3680 | 0.1803 |
| Mercury | 662-11-20 22:47 J | 1963177.40 | 1963177.45 | 1963177.50 | 0.3681 | 0.3161 |
| Mercury | 687-10-15 12:28 J | 1972271.94 | 1972272.02 | 1972272.11 | 0.3693 | 0.2950 |
| Mercury | 691-10-14 11:02 J | 1973731.92 | 1973731.96 | 1973731.99 | 0.3676 | 0.3410 |
| Mercury | 693-04-30 18:00 J | 1974296.11 | 1974296.25 | 1974296.40 | 0.3692 | 0.0576 |
| Mercury | 697-04-29 03:35 J | 1975755.56 | 1975755.65 | 1975755.74 | 0.3678 | 0.1949 |
| Mercury | 702-11-12 19:55 J | 1977779.23 | 1977779.33 | 1977779.44 | 0.3679 | 0.0515 |
| Mercury | 708-05-28 12:14 J | 1979802.91 | 1979803.01 | 1979803.11 | 0.3680 | 0.0886 |
| Mercury | 713-12-12 04:19 J | 1981826.60 | 1981826.68 | 1981826.76 | 0.3681 | 0.2258 |
| Mercury | 719-06-27 20:24 J | 1983850.33 | 1983850.35 | 1983850.37 | 0.3682 | 0.3595 |
| Mercury | 744-05-21 13:40 J | 1992944.94 | 1992945.07 | 1992945.19 | 0.3693 | 0.1872 |
| Mercury | 748-05-20 08:38 J | 1994404.80 | 1994404.86 | 1994404.93 | 0.3677 | 0.2916 |
| Mercury | 749-12-05 19:26 J | 1994969.18 | 1994969.31 | 1994969.44 | 0.3691 | 0.1711 |
| Mercury | 753-12-04 01:12 J | 1996428.45 | 1996428.55 | 1996428.65 | 0.3678 | 0.1463 |
| Mercury | 759-06-19 17:31 J | 1998452.13 | 1998452.23 | 1998452.34 | 0.3679 | 0.0079 |
| Mercury | 765-01-02 09:50 J | 2000475.81 | 2000475.91 | 2000476.01 | 0.3680 | 0.1347 |
| Mercury | 770-07-19 01:55 J | 2002499.51 | 2002499.58 | 2002499.65 | 0.3681 | 0.2702 |
| Mercury | 800-12-26 14:38 J | 2013617.97 | 2013618.11 | 2013618.26 | 0.3692 | 0.0787 |
| Mercury | 804-12-25 06:28 J | 2015077.69 | 2015077.77 | 2015077.85 | 0.3677 | 0.2421 |
| Mercury | 806-07-12 20:38 J | 2015642.27 | 2015642.36 | 2015642.46 | 0.3691 | 0.2872 |
| Mercury | 810-07-10 22:47 J | 2017101.35 | 2017101.45 | 2017101.56 | 0.3678 | 0.0997 |
| Mercury | 816-01-24 15:21 J | 2019125.03 | 2019125.14 | 2019125.24 | 0.3679 | 0.0451 |
| Mercury | 821-08-09 07:26 J | 2021148.72 | 2021148.81 | 2021148.90 | 0.3680 | 0.1800 |
| Mercury | 827-02-22 23:31 J | 2023172.43 | 2023172.48 | 2023172.53 | 0.3681 | 0.3149 |
| Mercury | 852-01-17 10:33 J | 2032266.86 | 2032266.94 | 2032267.01 | 0.3693 | 0.3149 |
| Mercury | 856-01-16 11:31 J | 2033726.94 | 2033726.98 | 2033727.02 | 0.3677 | 0.3398 |
| Mercury | 857-08-02 16:04 J | 2034291.02 | 2034291.17 | 2034291.31 | 0.3692 | 0.0354 |
| Mercury | 861-08-01 04:04 J | 2035750.58 | 2035750.67 | 2035750.76 | 0.3677 | 0.1942 |

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| Mercury | 867-02-14 20:38 J | 2037774.25 | 2037774.36 | 2037774.46 | 0.3679 | 0.0526 |
| Mercury | 872-08-30 12:57 J | 2039797.93 | 2039798.04 | 2039798.14 | 0.3679 | 0.0891 |
| Mercury | 878-03-16 05:02 J | 2041821.63 | 2041821.71 | 2041821.79 | 0.3680 | 0.2254 |
| Mercury | 883-09-29 21:07 J | 2043845.36 | 2043845.38 | 2043845.40 | 0.3682 | 0.3591 |
| Mercury | 908-08-23 11:31 J | 2052939.86 | 2052939.98 | 2052940.10 | 0.3693 | 0.2080 |
| Mercury | 912-08-22 09:21 J | 2054399.83 | 2054399.89 | 2054399.95 | 0.3677 | 0.2904 |
| Mercury | 914-03-09 17:16 J | 2054964.08 | 2054964.22 | 2054964.35 | 0.3691 | 0.1462 |
| Mercury | 918-03-08 01:55 J | 2056423.48 | 2056423.58 | 2056423.67 | 0.3678 | 0.1463 |
| Mercury | 923-09-21 18:14 J | 2058447.15 | 2058447.26 | 2058447.37 | 0.3679 | 0.0049 |
| Mercury | 929-04-06 10:33 J | 2060470.84 | 2060470.94 | 2060471.04 | 0.3680 | 0.1348 |
| Mercury | 934-10-21 02:38 J | 2062494.54 | 2062494.61 | 2062494.68 | 0.3681 | 0.2706 |
| Mercury | 965-03-30 12:43 J | 2073612.89 | 2073613.03 | 2073613.17 | 0.3692 | 0.0985 |
| Mercury | 969-03-29 07:12 J | 2075072.72 | 2075072.80 | 2075072.87 | 0.3677 | 0.2417 |
| Mercury | 970-10-14 18:28 J | 2075637.17 | 2075637.27 | 2075637.38 | 0.3691 | 0.2604 |
| Mercury | 974-10-12 23:31 J | 2077096.38 | 2077096.48 | 2077096.58 | 0.3678 | 0.0982 |
| Mercury | 980-04-27 15:50 J | 2079120.06 | 2079120.16 | 2079120.27 | 0.3679 | 0.0448 |
| Mercury | 985-11-11 08:09 J | 2081143.75 | 2081143.84 | 2081143.93 | 0.3680 | 0.1805 |
| Mercury | 991-05-28 00:14 J | 2083167.46 | 2083167.51 | 2083167.56 | 0.3681 | 0.3151 |

2ND MILLENNIUM CE

This is a list of transits visible from Venus in the 2nd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|------------|------------|------------|--------|--------|-------|---|
| Mercury | 1016-04-20 08:38 J | 2092261.80 | 2092261.86 | 2092261.92 | 0.3693 | 0.3316 | | |

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| Mercury | 1020-04-19 12:14 J | 2093721.97 | 2093722.01 | 2093722.05 | 0.3677 | 0.3384 |
| Mercury | 1021-11-04 13:55 J | 2094285.94 | 2094286.08 | 2094286.23 | 0.3692 | 0.0158 |
| Mercury | 1025-11-03 04:47 J | 2095745.61 | 2095745.70 | 2095745.79 | 0.3677 | 0.1926 |
| Mercury | 1031-05-19 21:21 J | 2097769.28 | 2097769.39 | 2097769.49 | 0.3679 | 0.0515 |
| Mercury | 1036-12-02 13:40 J | 2099792.97 | 2099793.07 | 2099793.17 | 0.3679 | 0.0896 |
| Mercury | 1042-06-18 05:45 J | 2101816.66 | 2101816.74 | 2101816.82 | 0.3681 | 0.2254 |
| Mercury | 1048-01-01 21:50 J | 2103840.39 | 2103840.41 | 2103840.43 | 0.3682 | 0.3593 |
| Mercury | 1072-11-25 09:50 J | 2112934.79 | 2112934.91 | 2112935.02 | 0.3693 | 0.2250 |
| Mercury | 1076-11-24 10:04 J | 2114394.85 | 2114394.92 | 2114394.98 | 0.3677 | 0.2890 |
| Mercury | 1078-06-11 15:07 J | 2114959.00 | 2114959.13 | 2114959.27 | 0.3691 | 0.1237 |
| Mercury | 1082-06-10 02:38 J | 2116418.51 | 2116418.61 | 2116418.70 | 0.3678 | 0.1458 |
| Mercury | 1087-12-24 18:57 J | 2118442.18 | 2118442.29 | 2118442.40 | 0.3679 | 0.0038 |
| Mercury | 1093-07-09 11:16 J | 2120465.87 | 2120465.97 | 2120466.07 | 0.3680 | 0.1345 |
| Mercury | 1099-01-23 03:21 J | 2122489.57 | 2122489.64 | 2122489.71 | 0.3681 | 0.2702 |
| Mercury | 1129-07-02 10:48 J | 2133607.81 | 2133607.95 | 2133608.09 | 0.3692 | 0.1184 |
| Mercury | 1133-07-01 07:40 J | 2135067.74 | 2135067.82 | 2135067.90 | 0.3677 | 0.2411 |
| Mercury | 1135-01-16 16:19 J | 2135632.07 | 2135632.18 | 2135632.30 | 0.3691 | 0.2330 |
| Mercury | 1139-01-15 00:14 J | 2137091.41 | 2137091.51 | 2137091.61 | 0.3678 | 0.0974 |
| Mercury | 1144-07-30 16:33 J | 2139115.09 | 2139115.19 | 2139115.30 | 0.3679 | 0.0425 |
| Mercury | 1150-02-13 08:52 J | 2141138.78 | 2141138.87 | 2141138.96 | 0.3680 | 0.1796 |
| Mercury | 1155-08-30 00:57 J | 2143162.49 | 2143162.54 | 2143162.59 | 0.3681 | 0.3142 |
| Mercury | 1180-07-23 06:57 J | 2152256.74 | 2152256.79 | 2152256.83 | 0.3693 | 0.3488 |
| Mercury | 1184-07-22 12:43 J | 2153716.99 | 2153717.03 | 2153717.07 | 0.3677 | 0.3382 |
| Mercury | 1186-02-06 11:45 J | 2154280.85 | 2154280.99 | 2154281.14 | 0.3692 | 0.0171 |
| Mercury | 1190-02-05 05:31 J | 2155740.64 | 2155740.73 | 2155740.82 | 0.3678 | 0.1933 |
| Mercury | 1191-08-23 17:45 J | 2156305.19 | 2156305.24 | 2156305.29 | 0.3691 | 0.3477 |
| Mercury | 1195-08-21 21:50 J | 2157764.31 | 2157764.41 | 2157764.52 | 0.3678 | 0.0518 |
| Mercury | 1201-03-06 14:09 J | 2159787.99 | 2159788.09 | 2159788.20 | 0.3679 | 0.0894 |
| Mercury | 1206-09-20 06:28 J | 2161811.69 | 2161811.77 | 2161811.85 | 0.3680 | 0.2246 |
| Mercury | 1212-04-04 22:33 J | 2163835.42 | 2163835.44 | 2163835.46 | 0.3681 | 0.3582 |

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| Mercury | 1237-02-27 07:55 J | 2172929.72 | 2172929.83 | 2172929.93 | 0.3693 | 0.2452 |
| Mercury | 1241-02-26 10:33 J | 2174389.88 | 2174389.94 | 2174390.00 | 0.3677 | 0.2892 |
| Mercury | 1242-09-13 12:57 J | 2174953.90 | 2174954.04 | 2174954.18 | 0.3691 | 0.0976 |
| Mercury | 1246-09-12 03:07 J | 2176413.53 | 2176413.63 | 2176413.73 | 0.3678 | 0.1450 |
| Mercury | 1252-03-27 19:40 J | 2178437.21 | 2178437.32 | 2178437.42 | 0.3679 | 0.0101 |
| Mercury | 1257-10-11 12:00 J | 2180460.90 | 2180461.00 | 2180461.09 | 0.3680 | 0.1346 |
| Mercury | 1263-04-27 04:04 J | 2182484.60 | 2182484.67 | 2182484.74 | 0.3681 | 0.2697 |
| Mercury | 1293-10-04 08:52 J | 2193602.74 | 2193602.87 | 2193603.01 | 0.3692 | 0.1392 |
| Mercury | 1297-10-03 08:24 J | 2195062.77 | 2195062.85 | 2195062.93 | 0.3677 | 0.2405 |
| Mercury | 1299-04-20 14:24 J | 2195626.98 | 2195627.10 | 2195627.22 | 0.3691 | 0.2098 |
| Mercury | 1303-04-19 00:57 J | 2197086.44 | 2197086.54 | 2197086.64 | 0.3678 | 0.0972 |
| Mercury | 1308-11-01 17:16 J | 2199110.12 | 2199110.22 | 2199110.33 | 0.3679 | 0.0433 |
| Mercury | 1314-05-18 09:35 J | 2201133.81 | 2201133.90 | 2201133.99 | 0.3680 | 0.1799 |
| Mercury | 1319-12-02 01:40 J | 2203157.52 | 2203157.57 | 2203157.63 | 0.3681 | 0.3143 |
| Mercury | 1344-10-25 05:02 J | 2212251.69 | 2212251.71 | 2212251.73 | 0.3693 | 0.3648 |
| Mercury | 1348-10-24 13:26 J | 2213712.02 | 2213712.06 | 2213712.10 | 0.3677 | 0.3367 |
| Mercury | 1350-05-11 10:04 J | 2214275.77 | 2214275.92 | 2214276.06 | 0.3692 | 0.0336 |
| Mercury | 1354-05-10 06:00 J | 2215735.66 | 2215735.75 | 2215735.84 | 0.3678 | 0.1924 |
| Mercury | 1355-11-25 15:50 J | 2216300.09 | 2216300.16 | 2216300.23 | 0.3691 | 0.3230 |
| Mercury | 1359-11-23 22:33 J | 2217759.34 | 2217759.44 | 2217759.55 | 0.3678 | 0.0505 |
| Mercury | 1365-06-08 14:52 J | 2219783.02 | 2219783.12 | 2219783.23 | 0.3680 | 0.0895 |
| Mercury | 1370-12-23 07:11 J | 2221806.72 | 2221806.80 | 2221806.88 | 0.3680 | 0.2246 |
| Mercury | 1376-07-07 23:16 J | 2223830.45 | 2223830.47 | 2223830.49 | 0.3682 | 0.3569 |
| Mercury | 1401-06-01 06:00 J | 2232924.65 | 2232924.75 | 2232924.85 | 0.3693 | 0.2629 |
| Mercury | 1405-05-31 11:16 J | 2234384.90 | 2234384.97 | 2234385.03 | 0.3677 | 0.2883 |
| Mercury | 1406-12-16 11:02 J | 2234948.82 | 2234948.96 | 2234949.11 | 0.3692 | 0.0752 |
| Mercury | 1410-12-15 03:50 J | 2236408.56 | 2236408.66 | 2236408.76 | 0.3678 | 0.1442 |
| Mercury | 1416-06-29 20:09 J | 2238432.24 | 2238432.34 | 2238432.45 | 0.3679 | 0.0154 |
| Mercury | 1422-01-13 12:43 J | 2240455.93 | 2240456.03 | 2240456.12 | 0.3680 | 0.1346 |
| Mercury | 1427-07-30 04:48 J | 2242479.63 | 2242479.70 | 2242479.77 | 0.3681 | 0.2682 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 1458-01-06 06:57 J | 2253597.66 | 2253597.79 | 2253597.92 | 0.3693 | 0.1608 |
| Mercury | 1462-01-05 08:52 J | 2255057.79 | 2255057.87 | 2255057.95 | 0.3677 | 0.2401 |
| Mercury | 1463-07-23 12:14 J | 2255621.89 | 2255622.01 | 2255622.14 | 0.3691 | 0.1855 |
| Mercury | 1467-07-22 01:26 J | 2257081.46 | 2257081.56 | 2257081.67 | 0.3678 | 0.0981 |
| Mercury | 1473-02-03 18:00 J | 2259105.14 | 2259105.25 | 2259105.35 | 0.3679 | 0.0426 |
| Mercury | 1478-08-20 10:19 J | 2261128.84 | 2261128.93 | 2261129.02 | 0.3680 | 0.1789 |
| Mercury | 1484-03-05 02:24 J | 2263152.55 | 2263152.60 | 2263152.66 | 0.3681 | 0.3121 |
| Mercury | 1513-01-26 13:55 J | 2273707.04 | 2273707.08 | 2273707.12 | 0.3677 | 0.3371 |
| Mercury | 1514-08-13 07:55 J | 2274270.69 | 2274270.83 | 2274270.98 | 0.3692 | 0.0556 |
| Mercury | 1518-08-12 06:43 J | 2275730.69 | 2275730.78 | 2275730.87 | 0.3678 | 0.1920 |
| Mercury | 1520-02-27 13:40 J | 2276294.98 | 2276295.07 | 2276295.15 | 0.3691 | 0.2953 |
| Mercury | 1524-02-25 23:16 J | 2277754.36 | 2277754.47 | 2277754.57 | 0.3679 | 0.0514 |
| Mercury | 1529-09-10 15:35 J | 2279778.05 | 2279778.15 | 2279778.25 | 0.3679 | 0.0882 |
| Mercury | 1535-03-27 07:55 J | 2281801.75 | 2281801.83 | 2281801.91 | 0.3680 | 0.2235 |
| Mercury | 1540-10-10 00:00 J | 2283825.48 | 2283825.50 | 2283825.53 | 0.3681 | 0.3560 |
| Mercury | 1565-09-03 04:04 J | 2292919.58 | 2292919.67 | 2292919.76 | 0.3693 | 0.2826 |
| Mercury | 1569-09-02 11:45 J | 2294379.93 | 2294379.99 | 2294380.06 | 0.3677 | 0.2882 |
| Mercury | 1571-03-20 09:07 J | 2294943.74 | 2294943.88 | 2294944.03 | 0.3692 | 0.0534 |
| Mercury | 1575-03-19 04:33 J | 2296403.59 | 2296403.69 | 2296403.78 | 0.3678 | 0.1450 |
| Mercury | 1580-10-01 20:52 J | 2298427.27 | 2298427.37 | 2298427.48 | 0.3679 | 0.0101 |
| Mercury | 1586-04-27 13:26 G | 2300450.96 | 2300451.06 | 2300451.15 | 0.3680 | 0.1343 |
| Mercury | 1591-11-11 05:31 G | 2302474.66 | 2302474.73 | 2302474.80 | 0.3681 | 0.2680 |
| Mercury | 1622-04-20 05:02 G | 2313592.59 | 2313592.71 | 2313592.84 | 0.3693 | 0.1797 |
| Mercury | 1626-04-19 09:35 G | 2315052.82 | 2315052.90 | 2315052.98 | 0.3677 | 0.2396 |
| Mercury | 1627-11-04 10:19 G | 2315616.80 | 2315616.93 | 2315617.06 | 0.3691 | 0.1608 |
| Mercury | 1631-11-03 02:09 G | 2317076.49 | 2317076.59 | 2317076.69 | 0.3678 | 0.0974 |
| Mercury | 1637-05-18 18:43 G | 2319100.17 | 2319100.28 | 2319100.38 | 0.3679 | 0.0430 |
| Mercury | 1642-12-02 11:02 G | 2321123.87 | 2321123.96 | 2321124.05 | 0.3680 | 0.1786 |
| Mercury | 1648-06-17 03:07 G | 2323147.58 | 2323147.63 | 2323147.69 | 0.3681 | 0.3118 |
| Mercury | 1677-05-10 14:38 G | 2333702.07 | 2333702.11 | 2333702.15 | 0.3677 | 0.3363 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 1678-11-25 06:14 G | 2334265.62 | 2334265.76 | 2334265.90 | 0.3692 | 0.0748 |
| Mercury | 1682-11-24 07:26 G | 2335725.72 | 2335725.81 | 2335725.90 | 0.3678 | 0.1917 |
| Mercury | 1684-06-10 11:31 G | 2336289.88 | 2336289.98 | 2336290.08 | 0.3691 | 0.2699 |
| Mercury | 1688-06-09 00:00 G | 2337749.39 | 2337749.50 | 2337749.60 | 0.3679 | 0.0519 |
| Mercury | 1693-12-23 16:19 G | 2339773.08 | 2339773.18 | 2339773.28 | 0.3679 | 0.0879 |
| Mercury | 1699-07-09 08:38 G | 2341796.78 | 2341796.86 | 2341796.94 | 0.3681 | 0.2223 |
| Mercury | 1705-01-23 00:43 G | 2343820.51 | 2343820.53 | 2343820.56 | 0.3681 | 0.3552 |
| Mercury | 1729-12-17 02:24 G | 2352914.52 | 2352914.60 | 2352914.68 | 0.3693 | 0.2999 |
| Mercury | 1733-12-16 12:28 G | 2354374.95 | 2354375.02 | 2354375.08 | 0.3677 | 0.2877 |
| Mercury | 1735-07-03 07:11 G | 2354938.66 | 2354938.80 | 2354938.95 | 0.3692 | 0.0311 |
| Mercury | 1739-07-02 05:02 G | 2356398.61 | 2356398.71 | 2356398.81 | 0.3678 | 0.1449 |
| Mercury | 1745-01-14 21:35 G | 2358422.29 | 2358422.40 | 2358422.51 | 0.3679 | 0.0051 |
| Mercury | 1750-07-31 13:55 G | 2360445.98 | 2360446.08 | 2360446.18 | 0.3680 | 0.1323 |
| Mercury | 1756-02-14 06:14 G | 2362469.69 | 2362469.76 | 2362469.83 | 0.3681 | 0.2665 |
| Mercury | 1786-07-24 03:21 G | 2373587.52 | 2373587.64 | 2373587.76 | 0.3693 | 0.1981 |
| Mercury | 1790-07-23 10:04 G | 2375047.84 | 2375047.92 | 2375048.00 | 0.3677 | 0.2406 |
| Mercury | 1792-02-07 08:09 G | 2375611.71 | 2375611.84 | 2375611.98 | 0.3691 | 0.1353 |
| Mercury | 1796-02-06 02:52 G | 2377071.51 | 2377071.62 | 2377071.72 | 0.3678 | 0.0980 |
| Mercury | 1801-08-22 19:11 G | 2379095.20 | 2379095.30 | 2379095.41 | 0.3679 | 0.0435 |
| Mercury | 1807-03-08 11:45 G | 2381118.89 | 2381118.99 | 2381119.08 | 0.3680 | 0.1775 |
| Mercury | 1812-09-21 03:50 G | 2383142.61 | 2383142.66 | 2383142.72 | 0.3681 | 0.3102 |
| Mercury | 1841-08-14 15:07 G | 2393697.09 | 2393697.13 | 2393697.17 | 0.3677 | 0.3370 |
| Mercury | 1843-03-01 04:19 G | 2394260.54 | 2394260.68 | 2394260.82 | 0.3692 | 0.0971 |
| Mercury | 1847-02-28 07:55 G | 2395720.74 | 2395720.83 | 2395720.92 | 0.3678 | 0.1927 |
| Mercury | 1848-09-14 09:21 G | 2396284.78 | 2396284.89 | 2396285.00 | 0.3691 | 0.2429 |
| Mercury | 1852-09-13 00:28 G | 2397744.42 | 2397744.52 | 2397744.63 | 0.3679 | 0.0522 |
| Mercury | 1858-03-29 17:02 G | 2399768.10 | 2399768.21 | 2399768.31 | 0.3679 | 0.0867 |
| Mercury | 1863-10-13 09:21 G | 2401791.80 | 2401791.89 | 2401791.97 | 0.3680 | 0.2212 |
| Mercury | 1869-04-28 01:26 G | 2403815.54 | 2403815.56 | 2403815.59 | 0.3681 | 0.3535 |
| Mercury | 1894-03-22 00:28 G | 2412909.45 | 2412909.52 | 2412909.59 | 0.3693 | 0.3183 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 1898-03-21 12:57 G | 2414369.98 | 2414370.04 | 2414370.11 | 0.3677 | 0.2885 |
| Mercury | 1899-10-06 05:16 G | 2414933.57 | 2414933.72 | 2414933.86 | 0.3692 | 0.0077 |
| Mercury | 1903-10-06 05:45 G | 2416393.64 | 2416393.74 | 2416393.84 | 0.3678 | 0.1456 |
| Mercury | 1905-04-22 10:48 G | 2416957.91 | 2416957.95 | 2416957.99 | 0.3691 | 0.3526 |
| Mercury | 1909-04-20 22:19 G | 2418417.32 | 2418417.43 | 2418417.53 | 0.3679 | 0.0087 |
| Mercury | 1914-11-04 14:38 G | 2420441.01 | 2420441.11 | 2420441.21 | 0.3680 | 0.1316 |
| Mercury | 1920-05-20 06:57 G | 2422464.72 | 2422464.79 | 2422464.86 | 0.3681 | 0.2654 |
| Mercury | 1950-10-28 01:26 G | 2433582.45 | 2433582.56 | 2433582.68 | 0.3693 | 0.2175 |
| Mercury | 1954-10-27 10:48 G | 2435042.87 | 2435042.95 | 2435043.03 | 0.3677 | 0.2402 |
| Mercury | 1956-05-13 06:28 G | 2435606.63 | 2435606.77 | 2435606.90 | 0.3691 | 0.1127 |
| Mercury | 1960-05-12 03:35 G | 2437066.54 | 2437066.65 | 2437066.75 | 0.3678 | 0.0996 |
| Mercury | 1965-11-25 19:55 G | 2439090.23 | 2439090.33 | 2439090.44 | 0.3679 | 0.0423 |
| Mercury | 1971-06-11 12:28 G | 2441113.92 | 2441114.02 | 2441114.11 | 0.3680 | 0.1768 |
| Mercury | 1976-12-25 04:33 G | 2443137.64 | 2443137.69 | 2443137.75 | 0.3681 | 0.3091 |

3RD MILLENNIUM CE

This is a list of transits visible from Venus in the 3rd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 2005-11-17 15:50 G | | 2453692.12 | 2453692.16 | 2453692.20 | 0.3677 | 0.3363 | |
| Mercury | 2007-06-04 02:24 G | | 2454255.47 | 2454255.60 | 2454255.74 | 0.3692 | 0.1165 | |
| Mercury | 2011-06-03 08:38 G | | 2455715.77 | 2455715.86 | 2455715.95 | 0.3678 | 0.1926 | |
| Mercury | 2012-12-18 07:26 G | | 2456279.70 | 2456279.81 | 2456279.93 | 0.3691 | 0.2193 | |
| Mercury | 2016-12-17 01:11 G | | 2457739.45 | 2457739.55 | 2457739.66 | 0.3679 | 0.0516 | |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 2022-07-02 17:45 G | 2459763.13 | 2459763.24 | 2459763.34 | 0.3680 | 0.0865 |
| Mercury | 2028-01-16 10:04 G | 2461786.83 | 2461786.92 | 2461787.00 | 0.3681 | 0.2205 |
| Mercury | 2033-08-01 02:09 G | 2463810.56 | 2463810.59 | 2463810.62 | 0.3681 | 0.3513 |
| Mercury | 2058-06-24 22:48 G | 2472904.40 | 2472904.45 | 2472904.51 | 0.3693 | 0.3345 |
| Mercury | 2062-06-24 13:40 G | 2474365.00 | 2474365.07 | 2474365.13 | 0.3677 | 0.2884 |
| Mercury | 2064-01-09 03:21 G | 2474928.50 | 2474928.64 | 2474928.79 | 0.3692 | 0.0156 |
| Mercury | 2068-01-08 06:28 G | 2476388.67 | 2476388.77 | 2476388.86 | 0.3678 | 0.1461 |
| Mercury | 2069-07-25 08:52 G | 2476952.80 | 2476952.87 | 2476952.93 | 0.3691 | 0.3276 |
| Mercury | 2073-07-23 22:48 G | 2478412.35 | 2478412.45 | 2478412.56 | 0.3679 | 0.0162 |
| Mercury | 2079-02-06 15:21 G | 2480436.04 | 2480436.14 | 2480436.24 | 0.3680 | 0.1305 |
| Mercury | 2084-08-22 07:40 G | 2482459.75 | 2482459.82 | 2482459.89 | 0.3681 | 0.2635 |
| Mercury | 2115-01-30 23:31 G | 2493577.38 | 2493577.48 | 2493577.59 | 0.3693 | 0.2382 |
| Mercury | 2119-01-30 11:31 G | 2495037.90 | 2495037.98 | 2495038.06 | 0.3677 | 0.2410 |
| Mercury | 2120-08-16 04:19 G | 2495601.54 | 2495601.68 | 2495601.83 | 0.3692 | 0.0890 |
| Mercury | 2124-08-15 04:04 G | 2497061.57 | 2497061.67 | 2497061.77 | 0.3678 | 0.0996 |
| Mercury | 2130-02-28 20:38 G | 2499085.25 | 2499085.36 | 2499085.46 | 0.3679 | 0.0393 |
| Mercury | 2135-09-14 12:57 G | 2501108.95 | 2501109.04 | 2501109.14 | 0.3680 | 0.1747 |
| Mercury | 2141-03-30 05:16 G | 2503132.66 | 2503132.72 | 2503132.78 | 0.3681 | 0.3066 |
| Mercury | 2170-02-20 16:19 G | 2513687.14 | 2513687.18 | 2513687.22 | 0.3677 | 0.3376 |
| Mercury | 2171-09-07 00:28 G | 2514250.39 | 2514250.52 | 2514250.66 | 0.3692 | 0.1384 |
| Mercury | 2175-09-06 09:07 G | 2515710.79 | 2515710.88 | 2515710.97 | 0.3678 | 0.1937 |
| Mercury | 2177-03-23 05:31 G | 2516274.61 | 2516274.73 | 2516274.86 | 0.3691 | 0.1936 |
| Mercury | 2181-03-22 01:55 G | 2517734.47 | 2517734.58 | 2517734.68 | 0.3679 | 0.0551 |
| Mercury | 2186-10-05 18:14 G | 2519758.16 | 2519758.26 | 2519758.37 | 0.3679 | 0.0850 |
| Mercury | 2192-04-20 10:48 G | 2521781.86 | 2521781.95 | 2521782.03 | 0.3680 | 0.2190 |
| Mercury | 2197-11-04 02:52 G | 2523805.59 | 2523805.62 | 2523805.65 | 0.3681 | 0.3496 |
| Mercury | 2222-09-28 21:07 G | 2532899.34 | 2532899.38 | 2532899.42 | 0.3693 | 0.3529 |
| Mercury | 2226-09-28 14:09 G | 2534360.03 | 2534360.09 | 2534360.16 | 0.3677 | 0.2894 |
| Mercury | 2228-04-14 01:26 G | 2534923.42 | 2534923.56 | 2534923.71 | 0.3692 | 0.0386 |
| Mercury | 2232-04-13 06:57 G | 2536383.69 | 2536383.79 | 2536383.89 | 0.3678 | 0.1464 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 2233-10-29 06:43 G | 2536947.70 | 2536947.78 | 2536947.86 | 0.3691 | 0.3002 |
| Mercury | 2237-10-27 23:31 G | 2538407.37 | 2538407.48 | 2538407.59 | 0.3679 | 0.0089 |
| Mercury | 2243-05-13 16:04 G | 2540431.07 | 2540431.17 | 2540431.27 | 0.3680 | 0.1293 |
| Mercury | 2248-11-26 08:24 G | 2542454.78 | 2542454.85 | 2542454.92 | 0.3681 | 0.2624 |
| Mercury | 2279-05-05 22:04 G | 2553572.31 | 2553572.42 | 2553572.52 | 0.3693 | 0.2555 |
| Mercury | 2283-05-05 12:00 G | 2555032.92 | 2555033.00 | 2555033.08 | 0.3677 | 0.2412 |
| Mercury | 2284-11-19 02:38 G | 2555596.47 | 2555596.61 | 2555596.75 | 0.3692 | 0.0664 |
| Mercury | 2288-11-18 04:48 G | 2557056.59 | 2557056.70 | 2557056.80 | 0.3678 | 0.1001 |
| Mercury | 2294-06-03 21:21 G | 2559080.28 | 2559080.39 | 2559080.49 | 0.3679 | 0.0391 |
| Mercury | 2299-12-18 13:40 G | 2561103.98 | 2561104.07 | 2561104.17 | 0.3680 | 0.1740 |
| Mercury | 2305-07-04 06:00 G | 2563127.69 | 2563127.75 | 2563127.81 | 0.3681 | 0.3053 |
| Mercury | 2334-05-27 17:02 G | 2573682.17 | 2573682.21 | 2573682.25 | 0.3677 | 0.3375 |
| Mercury | 2335-12-11 22:48 G | 2574245.32 | 2574245.45 | 2574245.58 | 0.3692 | 0.1567 |
| Mercury | 2339-12-11 09:50 G | 2575705.82 | 2575705.91 | 2575706.00 | 0.3678 | 0.1938 |
| Mercury | 2341-06-27 03:35 G | 2576269.53 | 2576269.65 | 2576269.78 | 0.3691 | 0.1706 |
| Mercury | 2345-06-26 02:24 G | 2577729.50 | 2577729.60 | 2577729.71 | 0.3679 | 0.0552 |
| Mercury | 2351-01-09 18:57 G | 2579753.19 | 2579753.29 | 2579753.40 | 0.3680 | 0.0836 |
| Mercury | 2356-07-25 11:16 G | 2581776.89 | 2581776.97 | 2581777.06 | 0.3681 | 0.2169 |
| Mercury | 2362-02-08 03:35 G | 2583800.62 | 2583800.65 | 2583800.68 | 0.3682 | 0.3479 |
| Mercury | 2391-01-01 14:52 G | 2594355.05 | 2594355.12 | 2594355.18 | 0.3677 | 0.2897 |
| Mercury | 2392-07-17 23:45 G | 2594918.35 | 2594918.49 | 2594918.63 | 0.3692 | 0.0575 |
| Mercury | 2396-07-17 07:26 G | 2596378.72 | 2596378.81 | 2596378.91 | 0.3678 | 0.1488 |
| Mercury | 2398-02-01 04:33 G | 2596942.60 | 2596942.69 | 2596942.79 | 0.3691 | 0.2730 |
| Mercury | 2402-01-31 00:14 G | 2598402.40 | 2598402.51 | 2598402.62 | 0.3679 | 0.0094 |
| Mercury | 2407-08-16 16:33 G | 2600426.09 | 2600426.19 | 2600426.29 | 0.3680 | 0.1278 |
| Mercury | 2413-03-01 09:07 G | 2602449.80 | 2602449.88 | 2602449.95 | 0.3681 | 0.2602 |
| Mercury | 2443-08-08 20:09 G | 2613567.25 | 2613567.34 | 2613567.44 | 0.3693 | 0.2737 |
| Mercury | 2447-08-08 12:28 G | 2615027.94 | 2615028.02 | 2615028.10 | 0.3677 | 0.2433 |
| Mercury | 2449-02-22 00:43 G | 2615591.38 | 2615591.53 | 2615591.67 | 0.3692 | 0.0427 |
| Mercury | 2453-02-21 05:16 G | 2617051.62 | 2617051.72 | 2617051.83 | 0.3678 | 0.1017 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 2458-09-06 21:50 G | 2619075.31 | 2619075.41 | 2619075.52 | 0.3679 | 0.0383 |
| Mercury | 2464-03-22 14:24 G | 2621099.01 | 2621099.10 | 2621099.19 | 0.3680 | 0.1711 |
| Mercury | 2469-10-06 06:43 G | 2623122.72 | 2623122.78 | 2623122.84 | 0.3681 | 0.3028 |
| Mercury | 2498-08-29 17:31 G | 2633677.19 | 2633677.23 | 2633677.27 | 0.3677 | 0.3388 |
| Mercury | 2500-03-15 21:07 G | 2634240.25 | 2634240.38 | 2634240.50 | 0.3692 | 0.1778 |
| Mercury | 2504-03-15 10:19 G | 2635700.84 | 2635700.93 | 2635701.02 | 0.3678 | 0.1960 |
| Mercury | 2505-09-30 01:40 G | 2636264.44 | 2636264.57 | 2636264.70 | 0.3691 | 0.1444 |
| Mercury | 2509-09-29 03:07 G | 2637724.52 | 2637724.63 | 2637724.73 | 0.3679 | 0.0556 |
| Mercury | 2515-04-14 19:40 G | 2639748.21 | 2639748.32 | 2639748.42 | 0.3679 | 0.0816 |
| Mercury | 2520-10-28 12:00 G | 2641771.92 | 2641772.00 | 2641772.09 | 0.3680 | 0.2149 |
| Mercury | 2526-05-14 04:19 G | 2643795.65 | 2643795.68 | 2643795.72 | 0.3681 | 0.3458 |
| Mercury | 2555-04-06 15:21 G | 2654350.08 | 2654350.14 | 2654350.21 | 0.3677 | 0.2910 |
| Mercury | 2556-10-20 21:50 G | 2654913.27 | 2654913.41 | 2654913.55 | 0.3692 | 0.0797 |
| Mercury | 2560-10-20 08:09 G | 2656373.74 | 2656373.84 | 2656373.94 | 0.3678 | 0.1490 |
| Mercury | 2562-05-07 02:52 G | 2656937.51 | 2656937.62 | 2656937.72 | 0.3691 | 0.2486 |
| Mercury | 2566-05-06 00:57 G | 2658397.43 | 2658397.54 | 2658397.64 | 0.3679 | 0.0164 |
| Mercury | 2571-11-19 17:16 G | 2660421.12 | 2660421.22 | 2660421.32 | 0.3680 | 0.1265 |
| Mercury | 2577-06-04 09:50 G | 2662444.83 | 2662444.91 | 2662444.98 | 0.3681 | 0.2585 |
| Mercury | 2607-11-12 18:28 G | 2673562.19 | 2673562.27 | 2673562.36 | 0.3693 | 0.2918 |
| Mercury | 2611-11-12 13:11 G | 2675022.97 | 2675023.05 | 2675023.13 | 0.3677 | 0.2436 |
| Mercury | 2613-05-28 22:48 G | 2675586.31 | 2675586.45 | 2675586.60 | 0.3692 | 0.0224 |
| Mercury | 2617-05-28 06:00 G | 2677046.65 | 2677046.75 | 2677046.85 | 0.3678 | 0.1026 |
| Mercury | 2618-12-13 03:50 G | 2677610.63 | 2677610.66 | 2677610.70 | 0.3690 | 0.3535 |
| Mercury | 2622-12-11 22:33 G | 2679070.34 | 2679070.44 | 2679070.55 | 0.3679 | 0.0357 |
| Mercury | 2628-06-26 15:07 G | 2681094.03 | 2681094.13 | 2681094.22 | 0.3680 | 0.1698 |
| Mercury | 2634-01-10 07:26 G | 2683117.75 | 2683117.81 | 2683117.87 | 0.3681 | 0.3011 |
| Mercury | 2662-12-03 18:14 G | 2693672.22 | 2693672.26 | 2693672.30 | 0.3677 | 0.3395 |
| Mercury | 2664-06-18 19:26 G | 2694235.19 | 2694235.31 | 2694235.43 | 0.3692 | 0.1962 |
| Mercury | 2668-06-18 11:02 G | 2695695.87 | 2695695.96 | 2695696.05 | 0.3678 | 0.1965 |
| Mercury | 2670-01-02 23:45 G | 2696259.36 | 2696259.49 | 2696259.63 | 0.3691 | 0.1222 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 2674-01-02 03:50 G | 2697719.55 | 2697719.66 | 2697719.76 | 0.3679 | 0.0578 |
| Mercury | 2679-07-18 20:24 G | 2699743.24 | 2699743.35 | 2699743.45 | 0.3680 | 0.0807 |
| Mercury | 2685-01-31 12:43 G | 2701766.95 | 2701767.03 | 2701767.12 | 0.3681 | 0.2133 |
| Mercury | 2690-08-17 05:02 G | 2703790.67 | 2703790.71 | 2703790.75 | 0.3681 | 0.3428 |
| Mercury | 2719-07-11 16:04 G | 2714345.10 | 2714345.17 | 2714345.23 | 0.3677 | 0.2927 |
| Mercury | 2721-01-24 20:09 G | 2714908.20 | 2714908.34 | 2714908.48 | 0.3692 | 0.1000 |
| Mercury | 2725-01-24 08:52 G | 2716368.77 | 2716368.87 | 2716368.97 | 0.3678 | 0.1501 |
| Mercury | 2726-08-11 00:57 G | 2716932.42 | 2716932.54 | 2716932.65 | 0.3691 | 0.2238 |
| Mercury | 2730-08-10 01:26 G | 2718392.45 | 2718392.56 | 2718392.67 | 0.3679 | 0.0122 |
| Mercury | 2736-02-23 18:00 G | 2720416.15 | 2720416.25 | 2720416.35 | 0.3680 | 0.1238 |
| Mercury | 2741-09-08 10:19 G | 2722439.86 | 2722439.93 | 2722440.01 | 0.3681 | 0.2561 |
| Mercury | 2772-02-15 16:48 G | 2733557.13 | 2733557.20 | 2733557.27 | 0.3693 | 0.3110 |
| Mercury | 2776-02-15 13:40 G | 2735017.99 | 2735018.07 | 2735018.15 | 0.3678 | 0.2453 |
| Mercury | 2777-08-31 21:07 G | 2735581.23 | 2735581.38 | 2735581.52 | 0.3692 | 0.0060 |
| Mercury | 2781-08-31 06:28 G | 2737041.67 | 2737041.77 | 2737041.88 | 0.3678 | 0.1049 |
| Mercury | 2783-03-18 01:55 G | 2737605.51 | 2737605.58 | 2737605.65 | 0.3690 | 0.3255 |
| Mercury | 2787-03-16 23:16 G | 2739065.36 | 2739065.47 | 2739065.57 | 0.3679 | 0.0350 |
| Mercury | 2792-09-29 15:35 G | 2741089.06 | 2741089.15 | 2741089.25 | 0.3680 | 0.1681 |
| Mercury | 2798-04-15 08:09 G | 2743112.78 | 2743112.84 | 2743112.90 | 0.3681 | 0.2986 |
| Mercury | 2827-03-08 18:43 G | 2753667.24 | 2753667.28 | 2753667.32 | 0.3677 | 0.3416 |
| Mercury | 2828-09-21 17:31 G | 2754230.12 | 2754230.23 | 2754230.35 | 0.3693 | 0.2163 |
| Mercury | 2832-09-21 11:31 G | 2755690.89 | 2755690.98 | 2755691.07 | 0.3678 | 0.1985 |
| Mercury | 2834-04-07 22:04 G | 2756254.28 | 2756254.42 | 2756254.56 | 0.3691 | 0.0977 |
| Mercury | 2838-04-07 04:19 G | 2757714.57 | 2757714.68 | 2757714.79 | 0.3679 | 0.0589 |
| Mercury | 2843-10-21 20:52 G | 2759738.27 | 2759738.37 | 2759738.48 | 0.3680 | 0.0779 |
| Mercury | 2849-05-06 13:26 G | 2761761.97 | 2761762.06 | 2761762.15 | 0.3680 | 0.2108 |
| Mercury | 2854-11-20 05:45 G | 2763785.70 | 2763785.74 | 2763785.78 | 0.3681 | 0.3406 |
| Mercury | 2883-10-13 16:33 G | 2774340.13 | 2774340.19 | 2774340.25 | 0.3677 | 0.2940 |
| Mercury | 2885-04-28 18:28 G | 2774903.13 | 2774903.27 | 2774903.40 | 0.3692 | 0.1202 |
| Mercury | 2889-04-28 09:21 G | 2776363.79 | 2776363.89 | 2776363.99 | 0.3678 | 0.1519 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 2890-11-12 23:02 G | 2776927.34 | 2776927.46 | 2776927.58 | 0.3691 | 0.1982 |
| Mercury | 2894-11-12 02:09 G | 2778387.48 | 2778387.59 | 2778387.69 | 0.3679 | 0.0169 |
| Mercury | 2900-05-28 18:43 G | 2780411.18 | 2780411.28 | 2780411.38 | 0.3680 | 0.1219 |
| Mercury | 2905-12-12 11:02 G | 2782434.89 | 2782434.96 | 2782435.04 | 0.3681 | 0.2542 |
| Mercury | 2936-05-20 15:21 G | 2793552.07 | 2793552.14 | 2793552.20 | 0.3693 | 0.3271 |
| Mercury | 2940-05-20 14:24 G | 2795013.02 | 2795013.10 | 2795013.18 | 0.3678 | 0.2463 |
| Mercury | 2941-12-04 19:26 G | 2795576.16 | 2795576.31 | 2795576.45 | 0.3692 | 0.0237 |
| Mercury | 2945-12-04 07:11 G | 2797036.70 | 2797036.80 | 2797036.90 | 0.3678 | 0.1056 |
| Mercury | 2947-06-21 00:14 G | 2797600.42 | 2797600.51 | 2797600.59 | 0.3690 | 0.3010 |
| Mercury | 2951-06-19 23:45 G | 2799060.39 | 2799060.49 | 2799060.60 | 0.3679 | 0.0354 |
| Mercury | 2957-01-02 16:19 G | 2801084.09 | 2801084.18 | 2801084.28 | 0.3680 | 0.1661 |
| Mercury | 2962-07-19 08:52 G | 2803107.81 | 2803107.87 | 2803107.93 | 0.3681 | 0.2963 |
| Mercury | 2991-06-11 19:11 G | 2813662.27 | 2813662.30 | 2813662.34 | 0.3677 | 0.3426 |
| Mercury | 2992-12-25 16:04 G | 2814225.06 | 2814225.17 | 2814225.28 | 0.3693 | 0.2335 |
| Mercury | 2996-12-25 12:14 G | 2815685.92 | 2815686.01 | 2815686.10 | 0.3678 | 0.1994 |
| Mercury | 2998-07-11 20:09 G | 2816249.20 | 2816249.34 | 2816249.49 | 0.3691 | 0.0761 |

4TH MILLENNIUM CE

This is a list of transits visible from Venus in the 4th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 3002-07-12 05:02 G | | 2817709.60 | 2817709.71 | 2817709.81 | 0.3679 | 0.0614 | |
| Mercury | 3008-01-25 21:35 G | | 2819733.30 | 2819733.40 | 2819733.50 | 0.3680 | 0.0758 | |
| Mercury | 3013-08-10 14:09 G | | 2821757.00 | 2821757.09 | 2821757.17 | 0.3681 | 0.2084 | |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 3019-02-24 06:28 G | 2823780.73 | 2823780.77 | 2823780.81 | 0.3681 | 0.3381 |
| Mercury | 3048-01-17 17:02 G | 2834335.15 | 2834335.21 | 2834335.28 | 0.3677 | 0.2952 |
| Mercury | 3049-08-02 16:48 G | 2834898.07 | 2834898.20 | 2834898.33 | 0.3692 | 0.1395 |
| Mercury | 3053-08-02 10:04 G | 2836358.82 | 2836358.92 | 2836359.01 | 0.3678 | 0.1549 |
| Mercury | 3055-02-16 21:07 G | 2836922.25 | 2836922.38 | 2836922.51 | 0.3691 | 0.1729 |
| Mercury | 3059-02-16 02:38 G | 2838382.51 | 2838382.61 | 2838382.72 | 0.3679 | 0.0200 |
| Mercury | 3064-08-31 19:11 G | 2840406.20 | 2840406.30 | 2840406.40 | 0.3680 | 0.1198 |
| Mercury | 3070-03-17 11:45 G | 2842429.91 | 2842429.99 | 2842430.07 | 0.3681 | 0.2507 |
| Mercury | 3100-08-24 13:40 G | 2853547.02 | 2853547.07 | 2853547.12 | 0.3693 | 0.3444 |
| Mercury | 3104-08-24 14:52 G | 2855008.04 | 2855008.12 | 2855008.20 | 0.3678 | 0.2488 |
| Mercury | 3106-03-10 17:31 G | 2855571.09 | 2855571.23 | 2855571.37 | 0.3692 | 0.0463 |
| Mercury | 3110-03-10 07:40 G | 2857031.72 | 2857031.82 | 2857031.93 | 0.3679 | 0.1090 |
| Mercury | 3111-09-24 22:04 G | 2857595.33 | 2857595.42 | 2857595.52 | 0.3691 | 0.2735 |
| Mercury | 3115-09-24 00:28 G | 2859055.41 | 2859055.52 | 2859055.63 | 0.3679 | 0.0288 |
| Mercury | 3121-04-08 17:02 G | 2861079.11 | 2861079.21 | 2861079.30 | 0.3680 | 0.1624 |
| Mercury | 3126-10-23 09:21 G | 2863102.83 | 2863102.89 | 2863102.96 | 0.3681 | 0.2932 |
| Mercury | 3155-09-15 19:40 G | 2873657.29 | 2873657.32 | 2873657.36 | 0.3677 | 0.3449 |
| Mercury | 3157-03-31 14:24 G | 2874220.00 | 2874220.10 | 2874220.20 | 0.3692 | 0.2533 |
| Mercury | 3161-03-31 12:43 G | 2875680.94 | 2875681.03 | 2875681.12 | 0.3678 | 0.2023 |
| Mercury | 3162-10-15 18:28 G | 2876244.12 | 2876244.27 | 2876244.41 | 0.3691 | 0.0518 |
| Mercury | 3166-10-15 05:31 G | 2877704.63 | 2877704.73 | 2877704.84 | 0.3679 | 0.0632 |
| Mercury | 3172-04-29 22:19 G | 2879728.32 | 2879728.43 | 2879728.53 | 0.3680 | 0.0744 |
| Mercury | 3177-11-13 14:38 G | 2881752.03 | 2881752.11 | 2881752.20 | 0.3680 | 0.2060 |
| Mercury | 3183-05-30 07:11 G | 2883775.76 | 2883775.80 | 2883775.84 | 0.3681 | 0.3353 |
| Mercury | 3212-04-21 17:45 G | 2894330.17 | 2894330.24 | 2894330.30 | 0.3677 | 0.2972 |
| Mercury | 3213-11-05 15:07 G | 2894893.00 | 2894893.13 | 2894893.26 | 0.3692 | 0.1601 |
| Mercury | 3217-11-05 10:33 G | 2896353.84 | 2896353.94 | 2896354.04 | 0.3678 | 0.1560 |
| Mercury | 3219-05-22 19:26 G | 2896917.18 | 2896917.31 | 2896917.44 | 0.3691 | 0.1503 |
| Mercury | 3223-05-22 03:21 G | 2898377.53 | 2898377.64 | 2898377.75 | 0.3679 | 0.0176 |
| Mercury | 3228-12-04 19:55 G | 2900401.23 | 2900401.33 | 2900401.43 | 0.3680 | 0.1174 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 3234-06-20 12:28 G | 2902424.94 | 2902425.02 | 2902425.10 | 0.3681 | 0.2485 |
| Mercury | 3264-11-26 12:14 G | 2913541.98 | 2913542.01 | 2913542.03 | 0.3693 | 0.3610 |
| Mercury | 3268-11-26 15:35 G | 2915003.07 | 2915003.15 | 2915003.22 | 0.3678 | 0.2504 |
| Mercury | 3270-06-12 15:50 G | 2915566.02 | 2915566.16 | 2915566.30 | 0.3692 | 0.0660 |
| Mercury | 3274-06-12 08:24 G | 2917026.75 | 2917026.85 | 2917026.95 | 0.3679 | 0.1100 |
| Mercury | 3275-12-27 20:24 G | 2917590.24 | 2917590.35 | 2917590.46 | 0.3691 | 0.2495 |
| Mercury | 3279-12-27 01:11 G | 2919050.44 | 2919050.55 | 2919050.65 | 0.3679 | 0.0286 |
| Mercury | 3285-07-11 17:45 G | 2921074.14 | 2921074.24 | 2921074.33 | 0.3680 | 0.1605 |
| Mercury | 3291-01-25 10:04 G | 2923097.86 | 2923097.92 | 2923097.99 | 0.3681 | 0.2909 |
| Mercury | 3319-12-19 20:24 G | 2933652.32 | 2933652.35 | 2933652.38 | 0.3677 | 0.3458 |
| Mercury | 3321-07-04 12:43 G | 2934214.94 | 2934215.03 | 2934215.13 | 0.3692 | 0.2709 |
| Mercury | 3325-07-04 13:26 G | 2935675.97 | 2935676.06 | 2935676.15 | 0.3678 | 0.2042 |
| Mercury | 3327-01-18 16:48 G | 2936239.05 | 2936239.20 | 2936239.34 | 0.3692 | 0.0307 |
| Mercury | 3331-01-18 06:14 G | 2937699.65 | 2937699.76 | 2937699.86 | 0.3679 | 0.0648 |
| Mercury | 3332-08-03 21:21 G | 2938263.35 | 2938263.39 | 2938263.44 | 0.3690 | 0.3498 |
| Mercury | 3336-08-02 22:48 G | 2939723.35 | 2939723.45 | 2939723.56 | 0.3680 | 0.0705 |
| Mercury | 3342-02-16 15:21 G | 2941747.05 | 2941747.14 | 2941747.23 | 0.3681 | 0.2033 |
| Mercury | 3347-09-02 07:40 G | 2943770.78 | 2943770.82 | 2943770.87 | 0.3681 | 0.3319 |
| Mercury | 3376-07-25 18:14 G | 2954325.20 | 2954325.26 | 2954325.32 | 0.3678 | 0.2996 |
| Mercury | 3378-02-08 13:26 G | 2954887.93 | 2954888.06 | 2954888.18 | 0.3692 | 0.1812 |
| Mercury | 3382-02-08 11:16 G | 2956348.87 | 2956348.97 | 2956349.06 | 0.3678 | 0.1587 |
| Mercury | 3383-08-25 17:31 G | 2956912.10 | 2956912.23 | 2956912.37 | 0.3691 | 0.1265 |
| Mercury | 3387-08-25 03:50 G | 2958372.56 | 2958372.66 | 2958372.77 | 0.3679 | 0.0234 |
| Mercury | 3393-03-09 20:38 G | 2960396.26 | 2960396.36 | 2960396.46 | 0.3680 | 0.1142 |
| Mercury | 3398-09-23 13:11 G | 2962419.97 | 2962420.05 | 2962420.12 | 0.3681 | 0.2457 |
| Mercury | 3433-03-02 16:04 G | 2974998.09 | 2974998.17 | 2974998.25 | 0.3678 | 0.2528 |
| Mercury | 3434-09-16 14:09 G | 2975560.95 | 2975561.09 | 2975561.23 | 0.3692 | 0.0875 |
| Mercury | 3438-09-16 08:52 G | 2977021.77 | 2977021.87 | 2977021.98 | 0.3679 | 0.1133 |
| Mercury | 3440-04-01 18:28 G | 2977585.16 | 2977585.27 | 2977585.39 | 0.3691 | 0.2231 |
| Mercury | 3444-04-01 01:40 G | 2979045.46 | 2979045.57 | 2979045.68 | 0.3679 | 0.0238 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 3449-10-15 18:14 G | 2981069.17 | 2981069.26 | 2981069.36 | 0.3680 | 0.1578 |
| Mercury | 3455-05-01 10:48 G | 2983092.89 | 2983092.95 | 2983093.01 | 0.3681 | 0.2874 |
| Mercury | 3484-03-23 20:52 G | 2993647.34 | 2993647.37 | 2993647.40 | 0.3677 | 0.3490 |
| Mercury | 3485-10-07 11:02 G | 2994209.88 | 2994209.96 | 2994210.05 | 0.3692 | 0.2903 |
| Mercury | 3489-10-07 13:55 G | 2995670.99 | 2995671.08 | 2995671.17 | 0.3678 | 0.2065 |
| Mercury | 3491-04-23 15:07 G | 2996233.98 | 2996234.13 | 2996234.27 | 0.3691 | 0.0128 |
| Mercury | 3495-04-23 06:43 G | 2997694.68 | 2997694.78 | 2997694.89 | 0.3679 | 0.0679 |
| Mercury | 3496-11-06 19:26 G | 2998258.24 | 2998258.31 | 2998258.38 | 0.3690 | 0.3222 |
| Mercury | 3500-11-06 23:31 G | 2999718.37 | 2999718.48 | 2999718.58 | 0.3680 | 0.0680 |
| Mercury | 3506-05-23 16:04 G | 3001742.08 | 3001742.17 | 3001742.26 | 0.3680 | 0.2002 |
| Mercury | 3511-12-07 08:24 G | 3003765.81 | 3003765.85 | 3003765.90 | 0.3681 | 0.3293 |
| Mercury | 3540-10-29 18:43 G | 3014320.22 | 3014320.28 | 3014320.34 | 0.3677 | 0.3019 |
| Mercury | 3542-05-15 11:45 G | 3014882.87 | 3014882.99 | 3014883.11 | 0.3692 | 0.1994 |
| Mercury | 3546-05-15 11:45 G | 3016343.89 | 3016343.99 | 3016344.09 | 0.3678 | 0.1604 |
| Mercury | 3547-11-29 15:50 G | 3016907.02 | 3016907.16 | 3016907.30 | 0.3691 | 0.1030 |
| Mercury | 3551-11-29 04:33 G | 3018367.58 | 3018367.69 | 3018367.80 | 0.3679 | 0.0229 |
| Mercury | 3557-06-13 21:21 G | 3020391.28 | 3020391.39 | 3020391.49 | 0.3680 | 0.1124 |
| Mercury | 3562-12-28 13:40 G | 3022415.00 | 3022415.07 | 3022415.15 | 0.3681 | 0.2432 |
| Mercury | 3597-06-05 16:33 G | 3034993.12 | 3034993.19 | 3034993.27 | 0.3678 | 0.2551 |
| Mercury | 3598-12-20 12:28 G | 3035555.89 | 3035556.02 | 3035556.16 | 0.3692 | 0.1074 |
| Mercury | 3602-12-20 09:35 G | 3037016.80 | 3037016.90 | 3037017.00 | 0.3679 | 0.1148 |
| Mercury | 3604-07-05 16:48 G | 3037580.08 | 3037580.20 | 3037580.32 | 0.3691 | 0.1990 |
| Mercury | 3608-07-05 02:24 G | 3039040.49 | 3039040.60 | 3039040.71 | 0.3680 | 0.0224 |
| Mercury | 3614-01-18 18:57 G | 3041064.20 | 3041064.29 | 3041064.39 | 0.3680 | 0.1547 |
| Mercury | 3619-08-04 11:31 G | 3043087.91 | 3043087.98 | 3043088.04 | 0.3681 | 0.2841 |
| Mercury | 3648-06-26 21:21 G | 3053642.36 | 3053642.39 | 3053642.42 | 0.3677 | 0.3509 |
| Mercury | 3650-01-10 09:35 G | 3054204.83 | 3054204.90 | 3054204.98 | 0.3693 | 0.3072 |
| Mercury | 3654-01-10 14:24 G | 3055666.02 | 3055666.10 | 3055666.19 | 0.3678 | 0.2090 |
| Mercury | 3655-07-27 13:26 G | 3056228.91 | 3056229.06 | 3056229.20 | 0.3691 | 0.0166 |
| Mercury | 3659-07-27 07:26 G | 3057689.70 | 3057689.81 | 3057689.91 | 0.3679 | 0.0713 |

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| Mercury | 3661-02-09 17:45 G | 3058253.15 | 3058253.24 | 3058253.32 | 0.3690 | 0.2956 |
| Mercury | 3665-02-09 00:00 G | 3059713.40 | 3059713.50 | 3059713.61 | 0.3680 | 0.0673 |
| Mercury | 3670-08-25 16:33 G | 3061737.11 | 3061737.19 | 3061737.28 | 0.3681 | 0.1971 |
| Mercury | 3676-03-10 09:07 G | 3063760.83 | 3063760.88 | 3063760.93 | 0.3682 | 0.3256 |
| Mercury | 3705-02-01 19:26 G | 3074315.25 | 3074315.31 | 3074315.36 | 0.3678 | 0.3041 |
| Mercury | 3706-08-18 10:19 G | 3074877.82 | 3074877.93 | 3074878.04 | 0.3692 | 0.2173 |
| Mercury | 3710-08-18 12:14 G | 3076338.92 | 3076339.01 | 3076339.11 | 0.3678 | 0.1638 |
| Mercury | 3712-03-03 14:09 G | 3076901.95 | 3076902.09 | 3076902.23 | 0.3691 | 0.0789 |
| Mercury | 3716-03-03 05:16 G | 3078362.61 | 3078362.72 | 3078362.82 | 0.3679 | 0.0301 |
| Mercury | 3721-09-16 21:50 G | 3080386.31 | 3080386.41 | 3080386.51 | 0.3680 | 0.1082 |
| Mercury | 3727-04-02 14:24 G | 3082410.02 | 3082410.10 | 3082410.18 | 0.3681 | 0.2386 |
| Mercury | 3732-10-16 06:57 G | 3084433.78 | 3084433.79 | 3084433.79 | 0.3682 | 0.3667 |
| Mercury | 3761-09-08 17:02 G | 3094988.14 | 3094988.21 | 3094988.29 | 0.3678 | 0.2584 |
| Mercury | 3763-03-25 10:48 G | 3095550.82 | 3095550.95 | 3095551.09 | 0.3692 | 0.1287 |
| Mercury | 3767-03-25 10:04 G | 3097011.82 | 3097011.92 | 3097012.02 | 0.3679 | 0.1185 |
| Mercury | 3768-10-08 14:52 G | 3097574.99 | 3097575.12 | 3097575.25 | 0.3691 | 0.1731 |
| Mercury | 3772-10-08 02:52 G | 3099035.52 | 3099035.62 | 3099035.73 | 0.3679 | 0.0197 |
| Mercury | 3778-04-23 19:40 G | 3101059.22 | 3101059.32 | 3101059.41 | 0.3680 | 0.1515 |
| Mercury | 3783-11-07 12:00 G | 3103082.94 | 3103083.00 | 3103083.07 | 0.3681 | 0.2810 |
| Mercury | 3812-09-30 21:50 G | 3113637.39 | 3113637.41 | 3113637.44 | 0.3677 | 0.3540 |
| Mercury | 3814-04-16 08:09 G | 3114199.77 | 3114199.84 | 3114199.90 | 0.3692 | 0.3250 |
| Mercury | 3818-04-16 15:07 G | 3115661.04 | 3115661.13 | 3115661.21 | 0.3678 | 0.2124 |
| Mercury | 3819-10-31 11:31 G | 3116223.84 | 3116223.98 | 3116224.13 | 0.3691 | 0.0381 |
| Mercury | 3823-10-31 07:55 G | 3117684.73 | 3117684.83 | 3117684.94 | 0.3679 | 0.0736 |
| Mercury | 3825-05-16 15:50 G | 3118248.07 | 3118248.16 | 3118248.26 | 0.3690 | 0.2710 |
| Mercury | 3829-05-16 00:43 G | 3119708.42 | 3119708.53 | 3119708.64 | 0.3680 | 0.0621 |
| Mercury | 3834-11-29 17:16 G | 3121732.13 | 3121732.22 | 3121732.31 | 0.3681 | 0.1936 |
| Mercury | 3840-06-14 09:50 G | 3123755.86 | 3123755.91 | 3123755.96 | 0.3681 | 0.3222 |
| Mercury | 3869-05-07 19:55 G | 3134310.27 | 3134310.33 | 3134310.38 | 0.3678 | 0.3069 |
| Mercury | 3870-11-21 08:38 G | 3134872.76 | 3134872.86 | 3134872.97 | 0.3692 | 0.2368 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 3874-11-21 12:57 G | 3136333.94 | 3136334.04 | 3136334.13 | 0.3678 | 0.1667 |
| Mercury | 3876-06-06 12:28 G | 3136896.88 | 3136897.02 | 3136897.16 | 0.3691 | 0.0568 |
| Mercury | 3880-06-06 05:45 G | 3138357.63 | 3138357.74 | 3138357.85 | 0.3679 | 0.0288 |
| Mercury | 3885-12-20 22:33 G | 3140381.34 | 3140381.44 | 3140381.54 | 0.3680 | 0.1057 |
| Mercury | 3891-07-06 15:07 G | 3142405.05 | 3142405.13 | 3142405.21 | 0.3681 | 0.2359 |
| Mercury | 3897-01-19 07:26 G | 3144428.80 | 3144428.81 | 3144428.83 | 0.3682 | 0.3635 |
| Mercury | 3925-12-13 17:45 G | 3154983.16 | 3154983.24 | 3154983.31 | 0.3678 | 0.2601 |
| Mercury | 3927-06-29 09:21 G | 3155545.76 | 3155545.89 | 3155546.02 | 0.3692 | 0.1475 |
| Mercury | 3931-06-29 10:48 G | 3157006.85 | 3157006.95 | 3157007.05 | 0.3679 | 0.1211 |
| Mercury | 3933-01-12 13:11 G | 3157569.92 | 3157570.05 | 3157570.18 | 0.3691 | 0.1512 |
| Mercury | 3937-01-12 03:35 G | 3159030.54 | 3159030.65 | 3159030.76 | 0.3680 | 0.0156 |
| Mercury | 3942-07-28 20:09 G | 3161054.25 | 3161054.34 | 3161054.44 | 0.3680 | 0.1484 |
| Mercury | 3948-02-11 12:43 G | 3163077.97 | 3163078.03 | 3163078.10 | 0.3681 | 0.2780 |
| Mercury | 3977-01-03 22:33 G | 3173632.41 | 3173632.44 | 3173632.46 | 0.3677 | 0.3560 |
| Mercury | 3978-07-20 06:43 G | 3174194.73 | 3174194.78 | 3174194.83 | 0.3692 | 0.3412 |
| Mercury | 3982-07-20 15:35 G | 3175656.06 | 3175656.15 | 3175656.24 | 0.3678 | 0.2145 |
| Mercury | 3984-02-03 10:04 G | 3176218.78 | 3176218.92 | 3176219.06 | 0.3691 | 0.0587 |
| Mercury | 3988-02-03 08:38 G | 3177679.75 | 3177679.86 | 3177679.96 | 0.3679 | 0.0767 |
| Mercury | 3989-08-19 14:09 G | 3178242.99 | 3178243.09 | 3178243.20 | 0.3690 | 0.2462 |
| Mercury | 3993-08-19 01:11 G | 3179703.45 | 3179703.55 | 3179703.66 | 0.3680 | 0.0602 |
| Mercury | 3999-03-04 18:00 G | 3181727.16 | 3181727.25 | 3181727.34 | 0.3681 | 0.1902 |

5TH MILLENNIUM CE

This is a list of transits visible from Venus in the 5th millennium CE.

| | | | | | | | | |
|--------|------|---|-------|-----|-----|--------|-------|---|
| PLANET | MAX- | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|------|---|-------|-----|-----|--------|-------|---|

TRANSIT

TIME

| | | | | | | |
|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 4004-09-17 10:33 G | 3183750.88 | 3183750.94 | 3183750.99 | 0.3681 | 0.3183 |
| Mercury | 4033-08-10 20:24 G | 3194305.29 | 3194305.35 | 3194305.40 | 0.3678 | 0.3104 |
| Mercury | 4035-02-24 07:11 G | 3194867.70 | 3194867.80 | 3194867.90 | 0.3692 | 0.2568 |
| Mercury | 4039-02-24 13:26 G | 3196328.96 | 3196329.06 | 3196329.16 | 0.3679 | 0.1691 |
| Mercury | 4040-09-09 10:48 G | 3196891.81 | 3196891.95 | 3196892.09 | 0.3691 | 0.0341 |
| Mercury | 4044-09-09 06:14 G | 3198352.66 | 3198352.76 | 3198352.87 | 0.3679 | 0.0341 |
| Mercury | 4046-03-26 15:07 G | 3198916.07 | 3198916.13 | 3198916.18 | 0.3690 | 0.3407 |
| Mercury | 4050-03-25 23:02 G | 3200376.36 | 3200376.46 | 3200376.56 | 0.3680 | 0.1014 |
| Mercury | 4055-10-09 15:35 G | 3202400.07 | 3202400.15 | 3202400.24 | 0.3681 | 0.2324 |
| Mercury | 4061-04-24 08:09 G | 3204423.82 | 3204423.84 | 3204423.86 | 0.3682 | 0.3587 |
| Mercury | 4090-03-17 18:14 G | 3214978.19 | 3214978.26 | 3214978.33 | 0.3678 | 0.2639 |
| Mercury | 4091-10-01 07:40 G | 3215540.70 | 3215540.82 | 3215540.95 | 0.3692 | 0.1687 |
| Mercury | 4095-10-01 11:16 G | 3217001.87 | 3217001.97 | 3217002.07 | 0.3679 | 0.1244 |
| Mercury | 4097-04-16 11:31 G | 3217564.85 | 3217564.98 | 3217565.12 | 0.3691 | 0.1262 |
| Mercury | 4101-04-17 04:04 G | 3219025.56 | 3219025.67 | 3219025.78 | 0.3680 | 0.0131 |
| Mercury | 4106-10-31 20:52 G | 3221049.27 | 3221049.37 | 3221049.47 | 0.3680 | 0.1440 |
| Mercury | 4112-05-16 13:26 G | 3223072.99 | 3223073.06 | 3223073.13 | 0.3681 | 0.2735 |
| Mercury | 4141-04-08 23:02 G | 3233627.44 | 3233627.46 | 3233627.47 | 0.3678 | 0.3602 |
| Mercury | 4142-10-23 05:02 G | 3234189.69 | 3234189.71 | 3234189.74 | 0.3692 | 0.3599 |
| Mercury | 4146-10-23 16:04 G | 3235651.09 | 3235651.17 | 3235651.26 | 0.3678 | 0.2181 |
| Mercury | 4148-05-08 08:24 G | 3236213.71 | 3236213.85 | 3236213.99 | 0.3691 | 0.0789 |
| Mercury | 4152-05-08 09:07 G | 3237674.77 | 3237674.88 | 3237674.99 | 0.3679 | 0.0796 |
| Mercury | 4153-11-22 12:28 G | 3238237.90 | 3238238.02 | 3238238.13 | 0.3690 | 0.2203 |
| Mercury | 4157-11-22 01:55 G | 3239698.47 | 3239698.58 | 3239698.69 | 0.3680 | 0.0549 |
| Mercury | 4163-06-07 18:43 G | 3241722.18 | 3241722.28 | 3241722.37 | 0.3681 | 0.1871 |
| Mercury | 4168-12-21 11:02 G | 3243745.91 | 3243745.96 | 3243746.02 | 0.3681 | 0.3153 |
| Mercury | 4197-11-13 20:52 G | 3254300.32 | 3254300.37 | 3254300.43 | 0.3678 | 0.3131 |
| Mercury | 4199-05-30 05:45 G | 3254862.64 | 3254862.74 | 3254862.83 | 0.3692 | 0.2737 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 4203-05-31 13:55 G | 3256323.99 | 3256324.08 | 3256324.18 | 0.3678 | 0.1727 |
| Mercury | 4204-12-14 09:07 G | 3256886.74 | 3256886.88 | 3256887.03 | 0.3691 | 0.0161 |
| Mercury | 4208-12-14 06:57 G | 3258347.68 | 3258347.79 | 3258347.90 | 0.3679 | 0.0351 |
| Mercury | 4210-06-30 13:11 G | 3258910.98 | 3258911.05 | 3258911.13 | 0.3690 | 0.3158 |
| Mercury | 4214-06-29 23:45 G | 3260371.39 | 3260371.49 | 3260371.59 | 0.3680 | 0.0983 |
| Mercury | 4220-01-13 16:19 G | 3262395.10 | 3262395.18 | 3262395.27 | 0.3681 | 0.2290 |
| Mercury | 4225-07-29 08:52 G | 3264418.85 | 3264418.87 | 3264418.89 | 0.3682 | 0.3552 |
| Mercury | 4254-06-21 18:43 G | 3274973.21 | 3274973.28 | 3274973.36 | 0.3678 | 0.2669 |
| Mercury | 4256-01-05 06:14 G | 3275535.64 | 3275535.76 | 3275535.88 | 0.3692 | 0.1869 |
| Mercury | 4260-01-05 11:45 G | 3276996.89 | 3276996.99 | 3276997.10 | 0.3679 | 0.1281 |
| Mercury | 4261-07-21 09:50 G | 3277559.78 | 3277559.91 | 3277560.05 | 0.3691 | 0.1039 |
| Mercury | 4265-07-21 04:48 G | 3279020.59 | 3279020.70 | 3279020.81 | 0.3680 | 0.0112 |
| Mercury | 4271-02-03 21:35 G | 3281044.30 | 3281044.40 | 3281044.49 | 0.3681 | 0.1415 |
| Mercury | 4276-08-19 14:09 G | 3283068.01 | 3283068.09 | 3283068.16 | 0.3681 | 0.2696 |
| Mercury | 4305-07-13 23:31 G | 3293622.46 | 3293622.48 | 3293622.49 | 0.3678 | 0.3627 |
| Mercury | 4311-01-27 16:48 G | 3295646.11 | 3295646.20 | 3295646.28 | 0.3678 | 0.2213 |
| Mercury | 4312-08-12 06:57 G | 3296208.65 | 3296208.79 | 3296208.92 | 0.3691 | 0.0988 |
| Mercury | 4316-08-12 09:35 G | 3297669.80 | 3297669.90 | 3297670.01 | 0.3679 | 0.0840 |
| Mercury | 4318-02-26 10:33 G | 3298232.82 | 3298232.94 | 3298233.06 | 0.3690 | 0.1944 |
| Mercury | 4322-02-26 02:38 G | 3299693.50 | 3299693.61 | 3299693.71 | 0.3680 | 0.0531 |
| Mercury | 4327-09-11 19:11 G | 3301717.21 | 3301717.30 | 3301717.39 | 0.3681 | 0.1823 |
| Mercury | 4333-03-27 11:45 G | 3303740.94 | 3303740.99 | 3303741.05 | 0.3682 | 0.3103 |
| Mercury | 4362-02-17 21:21 G | 3314295.34 | 3314295.39 | 3314295.45 | 0.3678 | 0.3162 |
| Mercury | 4363-09-03 04:04 G | 3314857.59 | 3314857.67 | 3314857.76 | 0.3692 | 0.2921 |
| Mercury | 4367-09-03 14:24 G | 3316319.01 | 3316319.10 | 3316319.20 | 0.3679 | 0.1771 |
| Mercury | 4369-03-19 07:26 G | 3316881.67 | 3316881.81 | 3316881.95 | 0.3691 | 0.0113 |
| Mercury | 4373-03-19 07:26 G | 3318342.71 | 3318342.81 | 3318342.92 | 0.3680 | 0.0402 |
| Mercury | 4374-10-03 11:31 G | 3318905.89 | 3318905.98 | 3318906.07 | 0.3690 | 0.2883 |
| Mercury | 4378-10-03 00:14 G | 3320366.41 | 3320366.51 | 3320366.62 | 0.3680 | 0.0946 |
| Mercury | 4384-04-17 17:02 G | 3322390.12 | 3322390.21 | 3322390.29 | 0.3681 | 0.2242 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 4389-11-01 09:35 G | 3324413.87 | 3324413.90 | 3324413.92 | 0.3682 | 0.3510 |
| Mercury | 4418-09-24 19:11 G | 3334968.23 | 3334968.30 | 3334968.38 | 0.3678 | 0.2708 |
| Mercury | 4420-04-09 04:48 G | 3335530.58 | 3335530.70 | 3335530.81 | 0.3692 | 0.2075 |
| Mercury | 4424-04-09 12:28 G | 3336991.91 | 3336992.02 | 3336992.12 | 0.3679 | 0.1324 |
| Mercury | 4425-10-24 08:09 G | 3337554.70 | 3337554.84 | 3337554.98 | 0.3691 | 0.0791 |
| Mercury | 4429-10-24 05:16 G | 3339015.61 | 3339015.72 | 3339015.83 | 0.3680 | 0.0077 |
| Mercury | 4435-05-09 22:04 G | 3341039.32 | 3341039.42 | 3341039.52 | 0.3680 | 0.1368 |
| Mercury | 4440-11-22 14:38 G | 3343063.04 | 3343063.11 | 3343063.19 | 0.3681 | 0.2657 |
| Mercury | 4469-10-16 00:00 G | 3353617.49 | 3353617.50 | 3353617.51 | 0.3678 | 0.3663 |
| Mercury | 4475-05-01 17:16 G | 3355641.13 | 3355641.22 | 3355641.30 | 0.3678 | 0.2251 |
| Mercury | 4476-11-14 05:16 G | 3356203.59 | 3356203.72 | 3356203.85 | 0.3691 | 0.1197 |
| Mercury | 4480-11-14 10:19 G | 3357664.82 | 3357664.93 | 3357665.03 | 0.3679 | 0.0874 |
| Mercury | 4482-05-31 09:07 G | 3358227.75 | 3358227.88 | 3358228.00 | 0.3690 | 0.1714 |
| Mercury | 4486-05-31 03:07 G | 3359688.52 | 3359688.63 | 3359688.74 | 0.3680 | 0.0479 |
| Mercury | 4491-12-14 19:55 G | 3361712.23 | 3361712.33 | 3361712.42 | 0.3681 | 0.1789 |
| Mercury | 4497-06-29 12:28 G | 3363735.96 | 3363736.02 | 3363736.08 | 0.3682 | 0.3065 |
| Mercury | 4526-05-23 21:50 G | 3374290.36 | 3374290.41 | 3374290.47 | 0.3678 | 0.3200 |
| Mercury | 4527-12-07 02:52 G | 3374852.54 | 3374852.62 | 3374852.69 | 0.3692 | 0.3099 |
| Mercury | 4531-12-07 15:07 G | 3376314.03 | 3376314.13 | 3376314.22 | 0.3679 | 0.1798 |
| Mercury | 4533-06-22 06:00 G | 3376876.61 | 3376876.75 | 3376876.89 | 0.3691 | 0.0320 |
| Mercury | 4537-06-22 08:09 G | 3378337.73 | 3378337.84 | 3378337.95 | 0.3679 | 0.0435 |
| Mercury | 4539-01-06 09:50 G | 3378900.81 | 3378900.91 | 3378901.01 | 0.3690 | 0.2641 |
| Mercury | 4543-01-06 00:57 G | 3380361.44 | 3380361.54 | 3380361.64 | 0.3680 | 0.0908 |
| Mercury | 4548-07-21 17:31 G | 3382385.15 | 3382385.23 | 3382385.32 | 0.3681 | 0.2209 |
| Mercury | 4554-02-04 10:04 G | 3384408.89 | 3384408.92 | 3384408.96 | 0.3682 | 0.3474 |
| Mercury | 4582-12-28 19:55 G | 3394963.26 | 3394963.33 | 3394963.40 | 0.3678 | 0.2737 |
| Mercury | 4584-07-13 03:21 G | 3395525.53 | 3395525.64 | 3395525.75 | 0.3692 | 0.2250 |
| Mercury | 4588-07-13 12:57 G | 3396986.94 | 3396987.04 | 3396987.14 | 0.3679 | 0.1347 |
| Mercury | 4590-01-27 06:43 G | 3397549.64 | 3397549.78 | 3397549.92 | 0.3691 | 0.0577 |
| Mercury | 4594-01-27 06:00 G | 3399010.64 | 3399010.75 | 3399010.86 | 0.3680 | 0.0077 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 4595-08-13 10:48 G | 3399573.92 | 3399573.95 | 3399573.98 | 0.3690 | 0.3581 |
| Mercury | 4599-08-12 22:48 G | 3401034.35 | 3401034.45 | 3401034.55 | 0.3681 | 0.1331 |
| Mercury | 4605-02-26 15:21 G | 3403058.07 | 3403058.14 | 3403058.21 | 0.3681 | 0.2616 |
| Mercury | 4639-08-05 17:45 G | 3415636.15 | 3415636.24 | 3415636.32 | 0.3679 | 0.2287 |
| Mercury | 4641-02-18 03:50 G | 3416198.53 | 3416198.66 | 3416198.79 | 0.3691 | 0.1407 |
| Mercury | 4645-02-18 10:48 G | 3417659.85 | 3417659.95 | 3417660.06 | 0.3679 | 0.0905 |
| Mercury | 4646-09-04 07:26 G | 3418222.68 | 3418222.81 | 3418222.94 | 0.3690 | 0.1475 |
| Mercury | 4650-09-04 03:35 G | 3419683.55 | 3419683.65 | 3419683.76 | 0.3680 | 0.0449 |
| Mercury | 4656-03-19 20:24 G | 3421707.26 | 3421707.35 | 3421707.45 | 0.3681 | 0.1748 |
| Mercury | 4661-10-03 12:57 G | 3423730.99 | 3423731.04 | 3423731.10 | 0.3682 | 0.3023 |
| Mercury | 4690-08-26 22:19 G | 3434285.38 | 3434285.43 | 3434285.48 | 0.3678 | 0.3244 |
| Mercury | 4692-03-11 01:11 G | 3434847.49 | 3434847.55 | 3434847.62 | 0.3692 | 0.3284 |
| Mercury | 4696-03-11 15:35 G | 3436309.06 | 3436309.15 | 3436309.25 | 0.3679 | 0.1835 |
| Mercury | 4697-09-25 04:19 G | 3436871.54 | 3436871.68 | 3436871.82 | 0.3691 | 0.0541 |
| Mercury | 4701-09-26 08:38 G | 3438332.75 | 3438332.86 | 3438332.97 | 0.3680 | 0.0471 |
| Mercury | 4703-04-12 08:09 G | 3438895.73 | 3438895.84 | 3438895.95 | 0.3690 | 0.2379 |
| Mercury | 4707-04-12 01:26 G | 3440356.46 | 3440356.56 | 3440356.67 | 0.3680 | 0.0865 |
| Mercury | 4712-10-25 18:14 G | 3442380.17 | 3442380.26 | 3442380.35 | 0.3681 | 0.2158 |
| Mercury | 4718-05-11 10:48 G | 3444403.91 | 3444403.95 | 3444403.99 | 0.3682 | 0.3422 |
| Mercury | 4747-04-03 20:24 G | 3454958.28 | 3454958.35 | 3454958.42 | 0.3678 | 0.2787 |
| Mercury | 4748-10-17 01:40 G | 3455520.47 | 3455520.57 | 3455520.68 | 0.3692 | 0.2450 |
| Mercury | 4752-10-17 13:26 G | 3456981.96 | 3456982.06 | 3456982.16 | 0.3679 | 0.1393 |
| Mercury | 4754-05-03 05:02 G | 3457544.57 | 3457544.71 | 3457544.85 | 0.3691 | 0.0339 |
| Mercury | 4758-05-03 06:28 G | 3459005.66 | 3459005.77 | 3459005.88 | 0.3680 | 0.0046 |
| Mercury | 4759-11-17 08:52 G | 3459568.81 | 3459568.87 | 3459568.93 | 0.3690 | 0.3303 |
| Mercury | 4763-11-16 23:16 G | 3461029.37 | 3461029.47 | 3461029.57 | 0.3681 | 0.1282 |
| Mercury | 4769-06-01 16:04 G | 3463053.09 | 3463053.17 | 3463053.24 | 0.3681 | 0.2573 |
| Mercury | 4803-11-08 18:14 G | 3475631.18 | 3475631.26 | 3475631.34 | 0.3679 | 0.2328 |
| Mercury | 4805-05-24 02:24 G | 3476193.47 | 3476193.60 | 3476193.72 | 0.3691 | 0.1601 |
| Mercury | 4809-05-24 11:16 G | 3477654.87 | 3477654.97 | 3477655.08 | 0.3679 | 0.0954 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 4810-12-08 05:45 G | 3478217.61 | 3478217.74 | 3478217.87 | 0.3690 | 0.1234 |
| Mercury | 4814-12-08 04:19 G | 3479678.57 | 3479678.68 | 3479678.79 | 0.3680 | 0.0395 |
| Mercury | 4820-06-22 21:07 G | 3481702.29 | 3481702.38 | 3481702.47 | 0.3681 | 0.1703 |
| Mercury | 4826-01-06 13:40 G | 3483726.01 | 3483726.07 | 3483726.13 | 0.3682 | 0.2982 |
| Mercury | 4854-11-29 22:48 G | 3494280.41 | 3494280.45 | 3494280.50 | 0.3678 | 0.3283 |
| Mercury | 4856-06-14 00:00 G | 3494842.45 | 3494842.50 | 3494842.55 | 0.3692 | 0.3443 |
| Mercury | 4860-06-14 16:04 G | 3496304.08 | 3496304.17 | 3496304.27 | 0.3679 | 0.1879 |
| Mercury | 4861-12-29 02:52 G | 3496866.48 | 3496866.62 | 3496866.76 | 0.3691 | 0.0740 |
| Mercury | 4865-12-29 09:07 G | 3498327.78 | 3498327.88 | 3498327.99 | 0.3680 | 0.0531 |
| Mercury | 4867-07-15 06:28 G | 3498890.66 | 3498890.77 | 3498890.89 | 0.3690 | 0.2140 |
| Mercury | 4871-07-15 02:09 G | 3500351.48 | 3500351.59 | 3500351.69 | 0.3680 | 0.0823 |
| Mercury | 4877-01-27 18:57 G | 3502375.20 | 3502375.29 | 3502375.37 | 0.3681 | 0.2121 |
| Mercury | 4882-08-13 11:31 G | 3504398.94 | 3504398.98 | 3504399.02 | 0.3682 | 0.3378 |
| Mercury | 4911-07-07 20:52 G | 3514953.30 | 3514953.37 | 3514953.44 | 0.3678 | 0.2819 |
| Mercury | 4913-01-20 00:28 G | 3515515.42 | 3515515.52 | 3515515.61 | 0.3692 | 0.2623 |
| Mercury | 4917-01-20 14:09 G | 3516976.99 | 3516977.09 | 3516977.19 | 0.3679 | 0.1433 |
| Mercury | 4918-08-06 03:35 G | 3517539.51 | 3517539.65 | 3517539.79 | 0.3691 | 0.0149 |
| Mercury | 4922-08-06 06:57 G | 3519000.69 | 3519000.79 | 3519000.90 | 0.3680 | 0.0156 |
| Mercury | 4924-02-20 07:11 G | 3519563.72 | 3519563.80 | 3519563.88 | 0.3690 | 0.3042 |
| Mercury | 4928-02-20 00:00 G | 3521024.40 | 3521024.50 | 3521024.60 | 0.3681 | 0.1247 |
| Mercury | 4933-09-04 16:33 G | 3523048.12 | 3523048.19 | 3523048.27 | 0.3682 | 0.2522 |
| Mercury | 4968-02-11 18:43 G | 3535626.20 | 3535626.28 | 3535626.37 | 0.3679 | 0.2366 |
| Mercury | 4969-08-27 00:57 G | 3536188.42 | 3536188.54 | 3536188.66 | 0.3691 | 0.1790 |
| Mercury | 4973-08-27 12:00 G | 3537649.89 | 3537650.00 | 3537650.10 | 0.3680 | 0.1005 |
| Mercury | 4975-03-13 04:04 G | 3538212.53 | 3538212.67 | 3538212.81 | 0.3690 | 0.0991 |
| Mercury | 4979-03-13 04:48 G | 3539673.60 | 3539673.70 | 3539673.81 | 0.3680 | 0.0377 |
| Mercury | 4984-09-25 21:35 G | 3541697.31 | 3541697.40 | 3541697.50 | 0.3681 | 0.1656 |
| Mercury | 4990-04-11 14:24 G | 3543721.03 | 3543721.10 | 3543721.16 | 0.3682 | 0.2927 |

6TH MILLENNIUM CE

This is a list of transits visible from Venus in the 6th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 5019-03-05 23:16 G | | 3554275.43 | 3554275.47 | 3554275.52 | 0.3678 | 0.3324 | |
| Mercury | 5020-09-17 22:33 G | | 3554837.42 | 3554837.44 | 3554837.46 | 0.3692 | 0.3619 | |
| Mercury | 5024-09-18 16:33 G | | 3556299.10 | 3556299.19 | 3556299.29 | 0.3679 | 0.1927 | |
| Mercury | 5026-04-04 01:11 G | | 3556861.42 | 3556861.55 | 3556861.69 | 0.3691 | 0.0969 | |
| Mercury | 5030-04-04 09:50 G | | 3558322.80 | 3558322.91 | 3558323.01 | 0.3680 | 0.0574 | |
| Mercury | 5031-10-19 04:48 G | | 3558885.58 | 3558885.70 | 3558885.82 | 0.3690 | 0.1880 | |
| Mercury | 5035-10-19 02:38 G | | 3560346.51 | 3560346.61 | 3560346.72 | 0.3680 | 0.0776 | |
| Mercury | 5041-05-03 19:26 G | | 3562370.22 | 3562370.31 | 3562370.40 | 0.3681 | 0.2066 | |
| Mercury | 5046-11-17 12:00 G | | 3564393.96 | 3564394.00 | 3564394.05 | 0.3682 | 0.3330 | |
| Mercury | 5075-10-10 21:21 G | | 3574948.32 | 3574948.39 | 3574948.46 | 0.3678 | 0.2865 | |
| Mercury | 5077-04-24 23:02 G | | 3575510.37 | 3575510.46 | 3575510.55 | 0.3691 | 0.2815 | |
| Mercury | 5081-04-25 14:38 G | | 3576972.01 | 3576972.11 | 3576972.21 | 0.3679 | 0.1485 | |
| Mercury | 5082-11-09 01:55 G | | 3577534.44 | 3577534.58 | 3577534.72 | 0.3691 | 0.0103 | |
| Mercury | 5086-11-09 07:40 G | | 3578995.71 | 3578995.82 | 3578995.93 | 0.3680 | 0.0144 | |
| Mercury | 5088-05-25 05:45 G | | 3579558.64 | 3579558.74 | 3579558.83 | 0.3690 | 0.2789 | |
| Mercury | 5092-05-25 00:28 G | | 3581019.42 | 3581019.52 | 3581019.62 | 0.3681 | 0.1196 | |
| Mercury | 5097-12-08 17:16 G | | 3583043.14 | 3583043.22 | 3583043.30 | 0.3681 | 0.2477 | |
| Mercury | 5132-05-17 19:11 G | | 3595621.22 | 3595621.30 | 3595621.39 | 0.3679 | 0.2413 | |
| Mercury | 5133-11-30 23:31 G | | 3596183.36 | 3596183.48 | 3596183.59 | 0.3691 | 0.1993 | |
| Mercury | 5137-12-01 12:28 G | | 3597644.91 | 3597645.02 | 3597645.12 | 0.3680 | 0.1039 | |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 5139-06-17 02:38 G | 3598207.47 | 3598207.61 | 3598207.75 | 0.3690 | 0.0772 |
| Mercury | 5143-06-17 05:31 G | 3599668.62 | 3599668.73 | 3599668.84 | 0.3680 | 0.0314 |
| Mercury | 5148-12-30 22:19 G | 3601692.33 | 3601692.43 | 3601692.53 | 0.3681 | 0.1613 |
| Mercury | 5154-07-16 15:07 G | 3603716.06 | 3603716.13 | 3603716.19 | 0.3682 | 0.2887 |
| Mercury | 5183-06-09 00:00 G | 3614270.45 | 3614270.50 | 3614270.54 | 0.3678 | 0.3364 |
| Mercury | 5188-12-22 17:16 G | 3616294.12 | 3616294.22 | 3616294.31 | 0.3679 | 0.1964 |
| Mercury | 5190-07-08 00:00 G | 3616856.37 | 3616856.50 | 3616856.63 | 0.3691 | 0.1153 |
| Mercury | 5194-07-08 10:19 G | 3618317.82 | 3618317.93 | 3618318.04 | 0.3680 | 0.0598 |
| Mercury | 5196-01-22 03:21 G | 3618880.51 | 3618880.64 | 3618880.76 | 0.3690 | 0.1652 |
| Mercury | 5200-01-22 03:21 G | 3620341.53 | 3620341.64 | 3620341.74 | 0.3680 | 0.0735 |
| Mercury | 5205-08-06 20:09 G | 3622365.25 | 3622365.34 | 3622365.43 | 0.3681 | 0.2025 |
| Mercury | 5211-02-20 12:43 G | 3624388.99 | 3624389.03 | 3624389.08 | 0.3682 | 0.3285 |
| Mercury | 5240-01-13 21:50 G | 3634943.35 | 3634943.41 | 3634943.48 | 0.3679 | 0.2904 |
| Mercury | 5241-07-28 21:35 G | 3635505.32 | 3635505.40 | 3635505.48 | 0.3691 | 0.2989 |
| Mercury | 5245-07-29 15:07 G | 3636967.03 | 3636967.13 | 3636967.23 | 0.3679 | 0.1520 |
| Mercury | 5247-02-12 00:28 G | 3637529.38 | 3637529.52 | 3637529.66 | 0.3691 | 0.0315 |
| Mercury | 5251-02-12 08:09 G | 3638990.73 | 3638990.84 | 3638990.95 | 0.3680 | 0.0177 |
| Mercury | 5252-08-28 04:04 G | 3639553.57 | 3639553.67 | 3639553.77 | 0.3690 | 0.2537 |
| Mercury | 5256-08-28 00:57 G | 3641014.44 | 3641014.54 | 3641014.65 | 0.3681 | 0.1155 |
| Mercury | 5262-03-13 17:45 G | 3643038.17 | 3643038.24 | 3643038.32 | 0.3682 | 0.2435 |
| Mercury | 5267-09-27 10:19 G | 3645061.93 | 3645061.93 | 3645061.94 | 0.3682 | 0.3676 |
| Mercury | 5296-08-19 19:40 G | 3655616.24 | 3655616.32 | 3655616.40 | 0.3679 | 0.2463 |
| Mercury | 5298-03-04 22:04 G | 3656178.30 | 3656178.42 | 3656178.53 | 0.3691 | 0.2194 |
| Mercury | 5302-03-06 12:57 G | 3657639.94 | 3657640.04 | 3657640.15 | 0.3680 | 0.1080 |
| Mercury | 5303-09-20 00:57 G | 3658202.40 | 3658202.54 | 3658202.68 | 0.3690 | 0.0550 |
| Mercury | 5307-09-20 06:00 G | 3659663.64 | 3659663.75 | 3659663.86 | 0.3680 | 0.0254 |
| Mercury | 5309-04-05 04:48 G | 3660226.65 | 3660226.70 | 3660226.75 | 0.3689 | 0.3421 |
| Mercury | 5313-04-04 22:48 G | 3661687.36 | 3661687.45 | 3661687.55 | 0.3681 | 0.1565 |
| Mercury | 5318-10-19 15:35 G | 3663711.08 | 3663711.15 | 3663711.22 | 0.3682 | 0.2831 |
| Mercury | 5347-09-12 00:14 G | 3674265.48 | 3674265.51 | 3674265.55 | 0.3678 | 0.3418 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 5353-03-27 17:45 G | 3676289.15 | 3676289.24 | 3676289.33 | 0.3679 | 0.2014 |
| Mercury | 5354-10-10 22:33 G | 3676851.31 | 3676851.44 | 3676851.57 | 0.3691 | 0.1363 |
| Mercury | 5358-10-11 10:48 G | 3678312.85 | 3678312.95 | 3678313.06 | 0.3680 | 0.0653 |
| Mercury | 5360-04-26 01:40 G | 3678875.44 | 3678875.57 | 3678875.70 | 0.3690 | 0.1399 |
| Mercury | 5364-04-26 03:50 G | 3680336.55 | 3680336.66 | 3680336.77 | 0.3681 | 0.0676 |
| Mercury | 5369-11-09 20:38 G | 3682360.27 | 3682360.36 | 3682360.45 | 0.3681 | 0.1972 |
| Mercury | 5375-05-26 13:26 G | 3684384.01 | 3684384.06 | 3684384.11 | 0.3682 | 0.3232 |
| Mercury | 5404-04-18 22:19 G | 3694938.37 | 3694938.43 | 3694938.49 | 0.3679 | 0.2961 |
| Mercury | 5405-11-01 20:09 G | 3695500.27 | 3695500.34 | 3695500.41 | 0.3691 | 0.3178 |
| Mercury | 5409-11-02 15:35 G | 3696962.05 | 3696962.15 | 3696962.25 | 0.3679 | 0.1570 |
| Mercury | 5411-05-18 23:02 G | 3697524.32 | 3697524.46 | 3697524.60 | 0.3691 | 0.0530 |
| Mercury | 5415-05-19 08:38 G | 3698985.75 | 3698985.86 | 3698985.97 | 0.3680 | 0.0240 |
| Mercury | 5416-12-02 02:24 G | 3699548.49 | 3699548.60 | 3699548.71 | 0.3689 | 0.2278 |
| Mercury | 5420-12-02 01:40 G | 3701009.47 | 3701009.57 | 3701009.67 | 0.3681 | 0.1097 |
| Mercury | 5426-06-17 18:28 G | 3703033.19 | 3703033.27 | 3703033.35 | 0.3682 | 0.2381 |
| Mercury | 5432-01-01 11:02 G | 3705056.95 | 3705056.96 | 3705056.98 | 0.3682 | 0.3629 |
| Mercury | 5460-11-23 20:09 G | 3715611.27 | 3715611.34 | 3715611.42 | 0.3679 | 0.2512 |
| Mercury | 5462-06-08 20:38 G | 3716173.26 | 3716173.36 | 3716173.47 | 0.3691 | 0.2367 |
| Mercury | 5466-06-09 13:26 G | 3717634.96 | 3717635.06 | 3717635.17 | 0.3680 | 0.1135 |
| Mercury | 5467-12-23 23:31 G | 3718197.34 | 3718197.48 | 3718197.62 | 0.3690 | 0.0323 |
| Mercury | 5471-12-24 06:28 G | 3719658.67 | 3719658.77 | 3719658.88 | 0.3680 | 0.0252 |
| Mercury | 5473-07-09 03:07 G | 3720221.56 | 3720221.63 | 3720221.70 | 0.3689 | 0.3173 |
| Mercury | 5477-07-08 23:31 G | 3721682.38 | 3721682.48 | 3721682.58 | 0.3681 | 0.1514 |
| Mercury | 5483-01-22 16:19 G | 3723706.11 | 3723706.18 | 3723706.25 | 0.3682 | 0.2786 |
| Mercury | 5511-12-17 00:43 G | 3734260.50 | 3734260.53 | 3734260.57 | 0.3678 | 0.3463 |
| Mercury | 5517-07-01 18:14 G | 3736284.17 | 3736284.26 | 3736284.35 | 0.3679 | 0.2059 |
| Mercury | 5519-01-14 21:07 G | 3736846.25 | 3736846.38 | 3736846.51 | 0.3691 | 0.1553 |
| Mercury | 5523-01-15 11:31 G | 3738307.87 | 3738307.98 | 3738308.08 | 0.3680 | 0.0705 |
| Mercury | 5524-07-31 00:14 G | 3738870.37 | 3738870.51 | 3738870.64 | 0.3690 | 0.1173 |
| Mercury | 5528-07-31 04:19 G | 3740331.58 | 3740331.68 | 3740331.79 | 0.3681 | 0.0650 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 5534-02-13 21:21 G | 3742355.30 | 3742355.39 | 3742355.48 | 0.3681 | 0.1926 |
| Mercury | 5539-08-30 13:55 G | 3744379.03 | 3744379.08 | 3744379.13 | 0.3682 | 0.3178 |
| Mercury | 5568-07-22 22:48 G | 3754933.39 | 3754933.45 | 3754933.51 | 0.3679 | 0.3004 |
| Mercury | 5570-02-04 18:57 G | 3755495.24 | 3755495.29 | 3755495.35 | 0.3692 | 0.3343 |
| Mercury | 5574-02-05 16:04 G | 3756957.08 | 3756957.17 | 3756957.27 | 0.3679 | 0.1618 |
| Mercury | 5575-08-21 21:35 G | 3757519.26 | 3757519.40 | 3757519.54 | 0.3691 | 0.0733 |
| Mercury | 5579-08-22 09:21 G | 3758980.78 | 3758980.89 | 3758981.00 | 0.3680 | 0.0291 |
| Mercury | 5581-03-07 00:43 G | 3759543.42 | 3759543.53 | 3759543.65 | 0.3690 | 0.2030 |
| Mercury | 5585-03-07 02:24 G | 3761004.49 | 3761004.60 | 3761004.70 | 0.3681 | 0.1063 |
| Mercury | 5590-09-20 18:57 G | 3763028.21 | 3763028.29 | 3763028.38 | 0.3682 | 0.2327 |
| Mercury | 5596-04-05 11:45 G | 3765051.97 | 3765051.99 | 3765052.01 | 0.3683 | 0.3573 |
| Mercury | 5625-02-26 20:52 G | 3775606.29 | 3775606.37 | 3775606.44 | 0.3679 | 0.2555 |
| Mercury | 5626-09-11 19:26 G | 3776168.21 | 3776168.31 | 3776168.40 | 0.3691 | 0.2551 |
| Mercury | 5630-09-12 13:55 G | 3777629.98 | 3777630.08 | 3777630.19 | 0.3680 | 0.1192 |
| Mercury | 5632-03-27 22:04 G | 3778192.28 | 3778192.42 | 3778192.56 | 0.3690 | 0.0133 |
| Mercury | 5636-03-28 07:11 G | 3779653.69 | 3779653.80 | 3779653.91 | 0.3681 | 0.0184 |
| Mercury | 5637-10-12 01:26 G | 3780216.48 | 3780216.56 | 3780216.65 | 0.3689 | 0.2906 |
| Mercury | 5641-10-12 00:00 G | 3781677.40 | 3781677.50 | 3781677.60 | 0.3681 | 0.1460 |
| Mercury | 5647-04-27 16:48 G | 3783701.13 | 3783701.20 | 3783701.27 | 0.3682 | 0.2725 |
| Mercury | 5676-03-20 01:11 G | 3794255.52 | 3794255.55 | 3794255.58 | 0.3679 | 0.3512 |
| Mercury | 5681-10-03 18:43 G | 3796279.19 | 3796279.28 | 3796279.37 | 0.3679 | 0.2114 |
| Mercury | 5683-04-18 19:40 G | 3796841.20 | 3796841.32 | 3796841.44 | 0.3691 | 0.1763 |
| Mercury | 5687-04-19 12:00 G | 3798302.89 | 3798303.00 | 3798303.10 | 0.3680 | 0.0761 |
| Mercury | 5688-11-01 22:33 G | 3798865.31 | 3798865.44 | 3798865.58 | 0.3690 | 0.0930 |
| Mercury | 5692-11-02 05:02 G | 3800326.60 | 3800326.71 | 3800326.82 | 0.3681 | 0.0582 |
| Mercury | 5698-05-18 21:50 G | 3802350.32 | 3802350.41 | 3802350.50 | 0.3681 | 0.1868 |
| Mercury | 5703-12-03 14:38 G | 3804374.05 | 3804374.11 | 3804374.16 | 0.3682 | 0.3124 |
| Mercury | 5732-10-25 23:16 G | 3814928.41 | 3814928.47 | 3814928.53 | 0.3679 | 0.3058 |
| Mercury | 5734-05-10 17:45 G | 3815490.20 | 3815490.24 | 3815490.28 | 0.3691 | 0.3519 |
| Mercury | 5738-05-11 16:33 G | 3816952.10 | 3816952.19 | 3816952.29 | 0.3679 | 0.1674 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 5739-11-24 20:09 G | 3817514.20 | 3817514.34 | 3817514.47 | 0.3690 | 0.0956 |
| Mercury | 5743-11-25 09:50 G | 3818975.80 | 3818975.91 | 3818976.02 | 0.3680 | 0.0324 |
| Mercury | 5745-06-09 23:16 G | 3819538.35 | 3819538.47 | 3819538.59 | 0.3690 | 0.1791 |
| Mercury | 5749-06-10 02:52 G | 3820999.51 | 3820999.62 | 3820999.72 | 0.3681 | 0.0999 |
| Mercury | 5754-12-24 19:40 G | 3823023.24 | 3823023.32 | 3823023.40 | 0.3682 | 0.2274 |
| Mercury | 5760-07-09 12:28 G | 3825046.99 | 3825047.02 | 3825047.04 | 0.3682 | 0.3522 |
| Mercury | 5789-06-01 21:21 G | 3835601.31 | 3835601.39 | 3835601.46 | 0.3679 | 0.2611 |
| Mercury | 5790-12-15 18:00 G | 3836163.16 | 3836163.25 | 3836163.34 | 0.3691 | 0.2739 |
| Mercury | 5794-12-16 14:38 G | 3837625.00 | 3837625.11 | 3837625.21 | 0.3680 | 0.1242 |
| Mercury | 5796-06-30 20:38 G | 3838187.22 | 3838187.36 | 3838187.50 | 0.3690 | 0.0131 |
| Mercury | 5800-07-02 07:40 G | 3839648.71 | 3839648.82 | 3839648.93 | 0.3681 | 0.0110 |
| Mercury | 5802-01-16 00:00 G | 3840211.40 | 3840211.50 | 3840211.60 | 0.3689 | 0.2659 |
| Mercury | 5806-01-16 00:43 G | 3841672.43 | 3841672.53 | 3841672.63 | 0.3681 | 0.1413 |
| Mercury | 5811-08-01 17:31 G | 3843696.16 | 3843696.23 | 3843696.30 | 0.3682 | 0.2678 |
| Mercury | 5840-06-24 01:40 G | 3854250.55 | 3854250.57 | 3854250.60 | 0.3679 | 0.3563 |
| Mercury | 5846-01-07 19:11 G | 3856274.21 | 3856274.30 | 3856274.39 | 0.3679 | 0.2159 |
| Mercury | 5847-07-23 18:28 G | 3856836.15 | 3856836.27 | 3856836.38 | 0.3691 | 0.1951 |
| Mercury | 5851-07-24 12:28 G | 3858297.91 | 3858298.02 | 3858298.13 | 0.3680 | 0.0798 |
| Mercury | 5853-02-05 21:07 G | 3858860.25 | 3858860.38 | 3858860.52 | 0.3690 | 0.0720 |
| Mercury | 5857-02-06 05:31 G | 3860321.63 | 3860321.73 | 3860321.84 | 0.3681 | 0.0538 |
| Mercury | 5858-08-23 00:43 G | 3860884.49 | 3860884.53 | 3860884.57 | 0.3689 | 0.3533 |
| Mercury | 5862-08-22 22:33 G | 3862345.34 | 3862345.44 | 3862345.53 | 0.3682 | 0.1820 |
| Mercury | 5868-03-07 15:21 G | 3864369.08 | 3864369.14 | 3864369.19 | 0.3682 | 0.3078 |
| Mercury | 5897-01-28 23:45 G | 3874923.43 | 3874923.49 | 3874923.55 | 0.3679 | 0.3107 |
| Mercury | 5898-08-13 16:33 G | 3875485.18 | 3875485.19 | 3875485.19 | 0.3691 | 0.3686 |
| Mercury | 5902-08-15 17:02 G | 3876947.12 | 3876947.21 | 3876947.31 | 0.3680 | 0.1728 |
| Mercury | 5904-02-28 18:43 G | 3877509.15 | 3877509.28 | 3877509.41 | 0.3691 | 0.1159 |
| Mercury | 5908-02-29 10:19 G | 3878970.82 | 3878970.93 | 3878971.04 | 0.3680 | 0.0376 |
| Mercury | 5909-09-13 21:50 G | 3879533.28 | 3879533.41 | 3879533.53 | 0.3690 | 0.1557 |
| Mercury | 5913-09-14 03:21 G | 3880994.54 | 3880994.64 | 3880994.74 | 0.3681 | 0.0938 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 5919-03-30 20:09 G | 3883018.26 | 3883018.34 | 3883018.43 | 0.3682 | 0.2227 |
| Mercury | 5924-10-13 12:57 G | 3885042.01 | 3885042.04 | 3885042.07 | 0.3682 | 0.3460 |
| Mercury | 5953-09-05 21:35 G | 3895596.33 | 3895596.40 | 3895596.48 | 0.3679 | 0.2669 |
| Mercury | 5955-03-21 16:33 G | 3896158.11 | 3896158.19 | 3896158.28 | 0.3691 | 0.2933 |
| Mercury | 5959-03-22 15:07 G | 3897620.03 | 3897620.13 | 3897620.23 | 0.3680 | 0.1287 |
| Mercury | 5960-10-04 19:11 G | 3898182.16 | 3898182.30 | 3898182.44 | 0.3690 | 0.0342 |
| Mercury | 5964-10-05 08:09 G | 3899643.73 | 3899643.84 | 3899643.95 | 0.3681 | 0.0082 |
| Mercury | 5966-04-20 22:19 G | 3900206.32 | 3900206.43 | 3900206.54 | 0.3689 | 0.2391 |
| Mercury | 5970-04-21 01:11 G | 3901667.45 | 3901667.55 | 3901667.65 | 0.3681 | 0.1349 |
| Mercury | 5975-11-04 18:00 G | 3903691.18 | 3903691.25 | 3903691.33 | 0.3682 | 0.2620 |

7TH MILLENNIUM CE

This is a list of transits visible from Venus in the 7th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 6004-09-27 02:09 G | | 3914245.58 | 3914245.59 | 3914245.61 | 0.3679 | 0.3623 | |
| Mercury | 6010-04-12 19:40 G | | 3916269.23 | 3916269.32 | 3916269.41 | 0.3680 | 0.2221 | |
| Mercury | 6011-10-26 17:02 G | | 3916831.10 | 3916831.21 | 3916831.32 | 0.3691 | 0.2154 | |
| Mercury | 6015-10-27 12:57 G | | 3918292.93 | 3918293.04 | 3918293.15 | 0.3680 | 0.0857 | |
| Mercury | 6017-05-11 19:40 G | | 3918855.18 | 3918855.32 | 3918855.46 | 0.3690 | 0.0475 | |
| Mercury | 6021-05-12 06:00 G | | 3920316.64 | 3920316.75 | 3920316.86 | 0.3681 | 0.0474 | |
| Mercury | 6022-11-25 23:02 G | | 3920879.39 | 3920879.46 | 3920879.52 | 0.3689 | 0.3256 | |
| Mercury | 6026-11-25 23:02 G | | 3922340.37 | 3922340.46 | 3922340.55 | 0.3682 | 0.1758 | |
| Mercury | 6032-06-10 15:50 G | | 3924364.10 | 3924364.16 | 3924364.22 | 0.3682 | 0.3015 | |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 6061-05-04 00:14 G | 3934918.45 | 3934918.51 | 3934918.56 | 0.3679 | 0.3172 |
| Mercury | 6066-11-17 17:31 G | 3936942.14 | 3936942.23 | 3936942.33 | 0.3680 | 0.1786 |
| Mercury | 6068-06-01 17:31 G | 3937504.10 | 3937504.23 | 3937504.35 | 0.3690 | 0.1361 |
| Mercury | 6072-06-02 10:48 G | 3938965.84 | 3938965.95 | 3938966.06 | 0.3680 | 0.0440 |
| Mercury | 6073-12-16 20:09 G | 3939528.21 | 3939528.34 | 3939528.48 | 0.3689 | 0.1314 |
| Mercury | 6077-12-17 03:50 G | 3940989.56 | 3940989.66 | 3940989.77 | 0.3681 | 0.0896 |
| Mercury | 6083-07-02 20:52 G | 3943013.28 | 3943013.37 | 3943013.46 | 0.3682 | 0.2166 |
| Mercury | 6089-01-15 13:40 G | 3945037.03 | 3945037.07 | 3945037.11 | 0.3683 | 0.3410 |
| Mercury | 6117-12-09 22:04 G | 3955591.35 | 3955591.42 | 3955591.50 | 0.3679 | 0.2723 |
| Mercury | 6119-06-24 15:21 G | 3956153.07 | 3956153.14 | 3956153.22 | 0.3691 | 0.3102 |
| Mercury | 6123-06-25 15:35 G | 3957615.05 | 3957615.15 | 3957615.25 | 0.3680 | 0.1341 |
| Mercury | 6125-01-07 17:45 G | 3958177.11 | 3958177.24 | 3958177.38 | 0.3690 | 0.0559 |
| Mercury | 6129-01-08 08:52 G | 3959638.76 | 3959638.87 | 3959638.97 | 0.3681 | 0.0139 |
| Mercury | 6130-07-24 20:52 G | 3960201.25 | 3960201.37 | 3960201.48 | 0.3689 | 0.2153 |
| Mercury | 6134-07-25 01:55 G | 3961662.47 | 3961662.58 | 3961662.68 | 0.3681 | 0.1307 |
| Mercury | 6140-02-07 18:43 G | 3963686.20 | 3963686.28 | 3963686.35 | 0.3682 | 0.2567 |
| Mercury | 6168-12-31 02:38 G | 3974240.61 | 3974240.61 | 3974240.61 | 0.3679 | 0.3674 |
| Mercury | 6174-07-16 20:09 G | 3976264.26 | 3976264.34 | 3976264.43 | 0.3680 | 0.2273 |
| Mercury | 6176-01-29 15:50 G | 3976826.05 | 3976826.16 | 3976826.26 | 0.3691 | 0.2331 |
| Mercury | 6180-01-30 13:26 G | 3978287.96 | 3978288.06 | 3978288.17 | 0.3680 | 0.0913 |
| Mercury | 6181-08-14 18:14 G | 3978850.12 | 3978850.26 | 3978850.40 | 0.3690 | 0.0269 |
| Mercury | 6185-08-15 06:43 G | 3980311.67 | 3980311.78 | 3980311.89 | 0.3681 | 0.0426 |
| Mercury | 6187-02-28 21:35 G | 3980874.31 | 3980874.40 | 3980874.48 | 0.3689 | 0.3005 |
| Mercury | 6191-02-28 23:45 G | 3982335.39 | 3982335.49 | 3982335.58 | 0.3682 | 0.1713 |
| Mercury | 6196-09-13 16:19 G | 3984359.12 | 3984359.18 | 3984359.25 | 0.3682 | 0.2958 |
| Mercury | 6225-08-08 00:43 G | 3994913.48 | 3994913.53 | 3994913.58 | 0.3679 | 0.3222 |
| Mercury | 6231-02-21 18:14 G | 3996937.16 | 3996937.26 | 3996937.35 | 0.3680 | 0.1836 |
| Mercury | 6232-09-05 16:04 G | 3997499.05 | 3997499.17 | 3997499.30 | 0.3690 | 0.1548 |
| Mercury | 6236-09-06 11:16 G | 3998960.87 | 3998960.97 | 3998961.08 | 0.3681 | 0.0510 |
| Mercury | 6238-03-22 18:43 G | 3999523.15 | 3999523.28 | 3999523.41 | 0.3689 | 0.1065 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 6242-03-23 04:33 G | 4000984.58 | 4000984.69 | 4000984.79 | 0.3681 | 0.0833 |
| Mercury | 6247-10-06 21:21 G | 4003008.30 | 4003008.39 | 4003008.48 | 0.3682 | 0.2103 |
| Mercury | 6253-04-21 14:09 G | 4005032.05 | 4005032.09 | 4005032.13 | 0.3683 | 0.3346 |
| Mercury | 6282-03-14 22:33 G | 4015586.37 | 4015586.44 | 4015586.52 | 0.3680 | 0.2777 |
| Mercury | 6283-09-27 14:09 G | 4016148.03 | 4016148.09 | 4016148.15 | 0.3691 | 0.3280 |
| Mercury | 6287-09-28 16:04 G | 4017610.07 | 4017610.17 | 4017610.27 | 0.3680 | 0.1408 |
| Mercury | 6289-04-12 16:19 G | 4018172.05 | 4018172.18 | 4018172.32 | 0.3690 | 0.0778 |
| Mercury | 6293-04-13 09:21 G | 4019633.78 | 4019633.89 | 4019634.00 | 0.3681 | 0.0131 |
| Mercury | 6294-10-27 19:11 G | 4020196.18 | 4020196.30 | 4020196.42 | 0.3689 | 0.1901 |
| Mercury | 6298-10-28 02:24 G | 4021657.50 | 4021657.60 | 4021657.70 | 0.3681 | 0.1240 |
| Mercury | 6304-05-13 19:11 G | 4023681.22 | 4023681.30 | 4023681.38 | 0.3682 | 0.2501 |
| Mercury | 6338-10-20 20:38 G | 4036259.28 | 4036259.36 | 4036259.44 | 0.3680 | 0.2335 |
| Mercury | 6340-05-04 14:24 G | 4036821.00 | 4036821.10 | 4036821.20 | 0.3691 | 0.2524 |
| Mercury | 6344-05-05 13:55 G | 4038282.98 | 4038283.08 | 4038283.19 | 0.3680 | 0.0977 |
| Mercury | 6345-11-18 16:48 G | 4038845.06 | 4038845.20 | 4038845.34 | 0.3690 | 0.0037 |
| Mercury | 6349-11-19 07:11 G | 4040306.69 | 4040306.80 | 4040306.91 | 0.3681 | 0.0355 |
| Mercury | 6351-06-04 19:55 G | 4040869.24 | 4040869.33 | 4040869.43 | 0.3689 | 0.2750 |
| Mercury | 6355-06-05 00:14 G | 4042330.41 | 4042330.51 | 4042330.60 | 0.3682 | 0.1646 |
| Mercury | 6360-12-18 17:02 G | 4044354.15 | 4044354.21 | 4044354.27 | 0.3682 | 0.2896 |
| Mercury | 6389-11-11 01:11 G | 4054908.50 | 4054908.55 | 4054908.59 | 0.3679 | 0.3286 |
| Mercury | 6395-05-27 18:28 G | 4056932.18 | 4056932.27 | 4056932.37 | 0.3680 | 0.1901 |
| Mercury | 6396-12-09 14:38 G | 4057493.99 | 4057494.11 | 4057494.23 | 0.3690 | 0.1757 |
| Mercury | 6400-12-10 12:00 G | 4058955.89 | 4058956.00 | 4058956.10 | 0.3681 | 0.0562 |
| Mercury | 6402-06-25 17:16 G | 4059518.09 | 4059518.22 | 4059518.36 | 0.3689 | 0.0845 |
| Mercury | 6406-06-26 05:02 G | 4060979.60 | 4060979.71 | 4060979.82 | 0.3681 | 0.0771 |
| Mercury | 6408-01-09 20:38 G | 4061542.34 | 4061542.36 | 4061542.39 | 0.3688 | 0.3605 |
| Mercury | 6412-01-09 22:04 G | 4063003.33 | 4063003.42 | 4063003.51 | 0.3682 | 0.2050 |
| Mercury | 6417-07-25 14:52 G | 4065027.07 | 4065027.12 | 4065027.16 | 0.3683 | 0.3291 |
| Mercury | 6446-06-17 23:02 G | 4075581.39 | 4075581.46 | 4075581.53 | 0.3679 | 0.2836 |
| Mercury | 6447-12-31 12:57 G | 4076143.00 | 4076143.04 | 4076143.09 | 0.3691 | 0.3453 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 6452-01-01 16:33 G | 4077605.09 | 4077605.19 | 4077605.29 | 0.3680 | 0.1460 |
| Mercury | 6453-07-16 15:07 G | 4078167.00 | 4078167.13 | 4078167.26 | 0.3690 | 0.0973 |
| Mercury | 6457-07-17 09:50 G | 4079628.80 | 4079628.91 | 4079629.02 | 0.3681 | 0.0120 |
| Mercury | 6459-01-30 18:00 G | 4080191.12 | 4080191.25 | 4080191.37 | 0.3689 | 0.1673 |
| Mercury | 6463-01-31 02:52 G | 4081652.52 | 4081652.62 | 4081652.73 | 0.3682 | 0.1186 |
| Mercury | 6468-08-15 19:55 G | 4083676.25 | 4083676.33 | 4083676.41 | 0.3682 | 0.2448 |
| Mercury | 6474-03-01 12:43 G | 4085700.03 | 4085700.03 | 4085700.03 | 0.3683 | 0.3680 |
| Mercury | 6503-01-23 21:07 G | 4096254.30 | 4096254.38 | 4096254.46 | 0.3680 | 0.2390 |
| Mercury | 6504-08-07 13:11 G | 4096815.96 | 4096816.05 | 4096816.14 | 0.3690 | 0.2702 |
| Mercury | 6508-08-08 14:24 G | 4098278.00 | 4098278.10 | 4098278.21 | 0.3681 | 0.1039 |
| Mercury | 6510-02-21 15:21 G | 4098840.01 | 4098840.14 | 4098840.28 | 0.3690 | 0.0225 |
| Mercury | 6514-02-22 07:40 G | 4100301.71 | 4100301.82 | 4100301.93 | 0.3681 | 0.0309 |
| Mercury | 6515-09-07 18:28 G | 4100864.17 | 4100864.27 | 4100864.37 | 0.3689 | 0.2502 |
| Mercury | 6519-09-08 00:43 G | 4102325.43 | 4102325.53 | 4102325.63 | 0.3682 | 0.1583 |
| Mercury | 6525-03-23 17:45 G | 4104349.17 | 4104349.24 | 4104349.30 | 0.3683 | 0.2845 |
| Mercury | 6554-02-14 01:40 G | 4114903.52 | 4114903.57 | 4114903.61 | 0.3679 | 0.3344 |
| Mercury | 6559-08-30 18:57 G | 4116927.20 | 4116927.29 | 4116927.39 | 0.3680 | 0.1962 |
| Mercury | 6561-03-14 13:26 G | 4117488.94 | 4117489.06 | 4117489.18 | 0.3690 | 0.1955 |
| Mercury | 6565-03-15 12:28 G | 4118950.91 | 4118951.02 | 4118951.13 | 0.3681 | 0.0603 |
| Mercury | 6566-09-28 16:04 G | 4119513.03 | 4119513.17 | 4119513.30 | 0.3690 | 0.0631 |
| Mercury | 6570-09-29 05:31 G | 4120974.63 | 4120974.73 | 4120974.84 | 0.3681 | 0.0708 |
| Mercury | 6572-04-13 18:57 G | 4121537.23 | 4121537.29 | 4121537.35 | 0.3688 | 0.3329 |
| Mercury | 6576-04-13 22:33 G | 4122998.35 | 4122998.44 | 4122998.53 | 0.3682 | 0.1987 |
| Mercury | 6581-10-28 15:21 G | 4125022.09 | 4125022.14 | 4125022.19 | 0.3683 | 0.3227 |
| Mercury | 6610-09-21 23:31 G | 4135576.41 | 4135576.48 | 4135576.55 | 0.3680 | 0.2903 |
| Mercury | 6612-04-05 11:45 G | 4136137.97 | 4136137.99 | 4136138.01 | 0.3691 | 0.3634 |
| Mercury | 6616-04-06 17:02 G | 4137600.11 | 4137600.21 | 4137600.31 | 0.3680 | 0.1521 |
| Mercury | 6617-10-20 13:40 G | 4138161.94 | 4138162.07 | 4138162.20 | 0.3690 | 0.1187 |
| Mercury | 6621-10-21 10:19 G | 4139623.82 | 4139623.93 | 4139624.04 | 0.3681 | 0.0186 |
| Mercury | 6623-05-06 16:19 G | 4140186.05 | 4140186.18 | 4140186.31 | 0.3689 | 0.1422 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 6627-05-07 03:21 G | 4141647.54 | 4141647.64 | 4141647.75 | 0.3682 | 0.1119 |
| Mercury | 6632-11-19 20:24 G | 4143671.27 | 4143671.35 | 4143671.43 | 0.3682 | 0.2382 |
| Mercury | 6638-06-05 13:11 G | 4145695.03 | 4145695.05 | 4145695.07 | 0.3683 | 0.3611 |
| Mercury | 6667-04-28 21:35 G | 4156249.32 | 4156249.40 | 4156249.48 | 0.3680 | 0.2463 |
| Mercury | 6668-11-10 12:00 G | 4156810.91 | 4156811.00 | 4156811.08 | 0.3690 | 0.2896 |
| Mercury | 6672-11-11 14:52 G | 4158273.02 | 4158273.12 | 4158273.23 | 0.3680 | 0.1101 |
| Mercury | 6674-05-27 14:09 G | 4158834.95 | 4158835.09 | 4158835.23 | 0.3690 | 0.0408 |
| Mercury | 6678-05-28 08:09 G | 4160296.73 | 4160296.84 | 4160296.95 | 0.3681 | 0.0242 |
| Mercury | 6679-12-11 17:02 G | 4160859.09 | 4160859.21 | 4160859.32 | 0.3689 | 0.2244 |
| Mercury | 6683-12-12 01:11 G | 4162320.46 | 4162320.55 | 4162320.65 | 0.3682 | 0.1527 |
| Mercury | 6689-06-26 18:14 G | 4164344.19 | 4164344.26 | 4164344.33 | 0.3682 | 0.2778 |
| Mercury | 6718-05-21 01:55 G | 4174898.54 | 4174898.58 | 4174898.62 | 0.3679 | 0.3412 |
| Mercury | 6723-12-04 19:26 G | 4176922.22 | 4176922.31 | 4176922.41 | 0.3680 | 0.2025 |
| Mercury | 6725-06-18 12:14 G | 4177483.90 | 4177484.01 | 4177484.12 | 0.3690 | 0.2142 |
| Mercury | 6729-06-19 12:57 G | 4178945.93 | 4178946.04 | 4178946.15 | 0.3681 | 0.0667 |
| Mercury | 6731-01-02 14:38 G | 4179507.97 | 4179508.11 | 4179508.25 | 0.3689 | 0.0397 |
| Mercury | 6735-01-03 06:14 G | 4180969.65 | 4180969.76 | 4180969.86 | 0.3681 | 0.0665 |
| Mercury | 6736-07-18 17:31 G | 4181532.16 | 4181532.23 | 4181532.31 | 0.3688 | 0.3079 |
| Mercury | 6740-07-18 23:16 G | 4182993.37 | 4182993.47 | 4182993.56 | 0.3682 | 0.1931 |
| Mercury | 6746-02-01 16:04 G | 4185017.12 | 4185017.17 | 4185017.22 | 0.3683 | 0.3169 |
| Mercury | 6774-12-26 00:00 G | 4195571.44 | 4195571.50 | 4195571.56 | 0.3680 | 0.2964 |
| Mercury | 6780-07-10 17:31 G | 4197595.13 | 4197595.23 | 4197595.33 | 0.3680 | 0.1583 |
| Mercury | 6782-01-23 12:28 G | 4198156.89 | 4198157.02 | 4198157.15 | 0.3690 | 0.1381 |
| Mercury | 6786-01-24 10:48 G | 4199618.84 | 4199618.95 | 4199619.06 | 0.3681 | 0.0253 |
| Mercury | 6787-08-09 15:07 G | 4200180.99 | 4200181.13 | 4200181.26 | 0.3689 | 0.1196 |
| Mercury | 6791-08-10 04:04 G | 4201642.56 | 4201642.67 | 4201642.77 | 0.3682 | 0.1061 |
| Mercury | 6797-02-22 21:07 G | 4203666.29 | 4203666.38 | 4203666.46 | 0.3682 | 0.2329 |
| Mercury | 6802-09-08 13:55 G | 4205690.05 | 4205690.08 | 4205690.10 | 0.3683 | 0.3553 |
| Mercury | 6831-08-01 22:04 G | 4216244.34 | 4216244.42 | 4216244.50 | 0.3680 | 0.2519 |
| Mercury | 6833-02-13 10:48 G | 4216805.88 | 4216805.95 | 4216806.02 | 0.3691 | 0.3066 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 6837-02-14 15:36 G | 4218268.04 | 4218268.15 | 4218268.25 | 0.3681 | 0.1157 |
| Mercury | 6838-08-30 12:57 G | 4218829.90 | 4218830.04 | 4218830.17 | 0.3690 | 0.0611 |
| Mercury | 6842-08-31 08:52 G | 4220291.76 | 4220291.87 | 4220291.97 | 0.3681 | 0.0226 |
| Mercury | 6844-03-15 15:36 G | 4220854.03 | 4220854.15 | 4220854.26 | 0.3689 | 0.1997 |
| Mercury | 6848-03-16 01:55 G | 4222315.48 | 4222315.58 | 4222315.68 | 0.3682 | 0.1464 |
| Mercury | 6853-09-29 18:43 G | 4224339.21 | 4224339.28 | 4224339.35 | 0.3683 | 0.2712 |
| Mercury | 6882-08-23 02:23 G | 4234893.57 | 4234893.60 | 4234893.63 | 0.3680 | 0.3474 |
| Mercury | 6888-03-07 19:55 G | 4236917.24 | 4236917.33 | 4236917.43 | 0.3680 | 0.2084 |
| Mercury | 6889-09-20 11:02 G | 4237478.85 | 4237478.96 | 4237479.06 | 0.3690 | 0.2328 |
| Mercury | 6893-09-21 13:26 G | 4238940.95 | 4238941.06 | 4238941.17 | 0.3681 | 0.0738 |
| Mercury | 6895-04-06 13:11 G | 4239502.91 | 4239503.05 | 4239503.19 | 0.3689 | 0.0170 |
| Mercury | 6899-04-07 06:43 G | 4240964.67 | 4240964.78 | 4240964.89 | 0.3682 | 0.0591 |
| Mercury | 6900-10-21 16:04 G | 4241527.08 | 4241527.17 | 4241527.26 | 0.3688 | 0.2818 |
| Mercury | 6904-10-21 23:45 G | 4242988.39 | 4242988.49 | 4242988.58 | 0.3682 | 0.1860 |
| Mercury | 6910-05-07 16:33 G | 4245012.14 | 4245012.19 | 4245012.25 | 0.3683 | 0.3099 |
| Mercury | 6939-03-31 00:28 G | 4255566.46 | 4255566.52 | 4255566.58 | 0.3680 | 0.3027 |
| Mercury | 6944-10-13 18:00 G | 4257590.15 | 4257590.25 | 4257590.35 | 0.3680 | 0.1655 |
| Mercury | 6946-04-28 11:16 G | 4258151.84 | 4258151.97 | 4258152.09 | 0.3690 | 0.1595 |
| Mercury | 6950-04-29 11:16 G | 4259613.86 | 4259613.97 | 4259614.08 | 0.3681 | 0.0321 |
| Mercury | 6951-11-12 13:40 G | 4260175.93 | 4260176.07 | 4260176.20 | 0.3689 | 0.0955 |
| Mercury | 6955-11-13 04:33 G | 4261637.58 | 4261637.69 | 4261637.79 | 0.3682 | 0.0991 |
| Mercury | 6957-05-28 16:33 G | 4262200.18 | 4262200.19 | 4262200.21 | 0.3688 | 0.3651 |
| Mercury | 6961-05-28 21:36 G | 4263661.31 | 4263661.40 | 4263661.48 | 0.3682 | 0.2256 |
| Mercury | 6966-12-12 14:23 G | 4265685.07 | 4265685.10 | 4265685.13 | 0.3683 | 0.3484 |
| Mercury | 6995-11-04 22:33 G | 4276239.36 | 4276239.44 | 4276239.51 | 0.3680 | 0.2592 |
| Mercury | 6997-05-19 09:36 G | 4276800.84 | 4276800.90 | 4276800.96 | 0.3690 | 0.3254 |

8TH MILLENNIUM CE

This is a list of transits visible from Venus in the 8th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 7001-05-21 15:50 | G | 4278263.06 | 4278263.16 | 4278263.27 | 0.3681 | 0.1231 | |
| Mercury | 7002-12-04 11:31 | G | 4278824.84 | 4278824.98 | 4278825.11 | 0.3689 | 0.0826 | |
| Mercury | 7006-12-05 09:21 | G | 4280286.78 | 4280286.89 | 4280287.00 | 0.3681 | 0.0160 | |
| Mercury | 7008-06-19 14:09 | G | 4280848.96 | 4280849.09 | 4280849.21 | 0.3689 | 0.1755 | |
| Mercury | 7012-06-20 02:23 | G | 4282310.50 | 4282310.60 | 4282310.70 | 0.3682 | 0.1395 | |
| Mercury | 7018-01-03 19:26 | G | 4284334.23 | 4284334.31 | 4284334.38 | 0.3683 | 0.2649 | |
| Mercury | 7046-11-27 02:52 | G | 4294888.59 | 4294888.62 | 4294888.64 | 0.3680 | 0.3546 | |
| Mercury | 7052-06-11 20:23 | G | 4296912.26 | 4296912.35 | 4296912.44 | 0.3680 | 0.2150 | |
| Mercury | 7053-12-25 09:50 | G | 4297473.81 | 4297473.91 | 4297474.01 | 0.3690 | 0.2523 | |
| Mercury | 7057-12-26 13:55 | G | 4298935.97 | 4298936.08 | 4298936.19 | 0.3681 | 0.0800 | |
| Mercury | 7059-07-11 12:00 | G | 4299497.86 | 4299498.00 | 4299498.13 | 0.3689 | 0.0130 | |
| Mercury | 7063-07-12 07:11 | G | 4300959.69 | 4300959.80 | 4300959.91 | 0.3682 | 0.0520 | |
| Mercury | 7065-01-24 14:38 | G | 4301522.01 | 4301522.11 | 4301522.21 | 0.3688 | 0.2573 | |
| Mercury | 7069-01-25 00:14 | G | 4302983.42 | 4302983.51 | 4302983.61 | 0.3682 | 0.1799 | |
| Mercury | 7074-08-10 17:16 | G | 4305007.16 | 4305007.22 | 4305007.28 | 0.3683 | 0.3040 | |
| Mercury | 7103-07-05 00:57 | G | 4315561.48 | 4315561.54 | 4315561.59 | 0.3680 | 0.3095 | |
| Mercury | 7109-01-17 18:28 | G | 4317585.17 | 4317585.27 | 4317585.37 | 0.3681 | 0.1716 | |
| Mercury | 7110-08-02 10:04 | G | 4318146.80 | 4318146.92 | 4318147.04 | 0.3690 | 0.1776 | |
| Mercury | 7114-08-03 11:45 | G | 4319608.89 | 4319608.99 | 4319609.10 | 0.3681 | 0.0406 | |
| Mercury | 7116-02-16 12:14 | G | 4320170.88 | 4320171.01 | 4320171.15 | 0.3689 | 0.0733 | |
| Mercury | 7120-02-17 05:02 | G | 4321632.61 | 4321632.71 | 4321632.82 | 0.3682 | 0.0933 | |
| Mercury | 7121-09-01 15:07 | G | 4322195.08 | 4322195.13 | 4322195.19 | 0.3688 | 0.3398 | |

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| Mercury | 7125-09-01 22:04 G | 4323656.34 | 4323656.42 | 4323656.51 | 0.3683 | 0.2194 |
| Mercury | 7131-03-18 15:07 G | 4325680.09 | 4325680.13 | 4325680.16 | 0.3683 | 0.3427 |
| Mercury | 7160-02-08 22:48 G | 4336234.38 | 4336234.45 | 4336234.53 | 0.3680 | 0.2654 |
| Mercury | 7161-08-23 08:23 G | 4336795.81 | 4336795.85 | 4336795.90 | 0.3690 | 0.3425 |
| Mercury | 7165-08-24 16:19 G | 4338258.08 | 4338258.18 | 4338258.29 | 0.3681 | 0.1295 |
| Mercury | 7167-03-09 10:19 G | 4338819.80 | 4338819.93 | 4338820.06 | 0.3690 | 0.1034 |
| Mercury | 7171-03-10 09:50 G | 4340281.80 | 4340281.91 | 4340282.02 | 0.3682 | 0.0069 |
| Mercury | 7172-09-22 12:43 G | 4340843.90 | 4340844.03 | 4340844.16 | 0.3689 | 0.1520 |
| Mercury | 7176-09-23 02:52 G | 4342305.52 | 4342305.62 | 4342305.72 | 0.3682 | 0.1328 |
| Mercury | 7182-04-08 19:55 G | 4344329.26 | 4344329.33 | 4344329.41 | 0.3683 | 0.2586 |
| Mercury | 7211-03-02 03:07 G | 4354883.62 | 4354883.63 | 4354883.65 | 0.3680 | 0.3611 |
| Mercury | 7216-09-14 20:52 G | 4356907.28 | 4356907.37 | 4356907.46 | 0.3681 | 0.2221 |
| Mercury | 7218-03-30 08:38 G | 4357468.77 | 4357468.86 | 4357468.95 | 0.3690 | 0.2713 |
| Mercury | 7222-03-31 14:23 G | 4358930.99 | 4358931.10 | 4358931.21 | 0.3681 | 0.0861 |
| Mercury | 7223-10-14 10:33 G | 4359492.80 | 4359492.94 | 4359493.08 | 0.3689 | 0.0269 |
| Mercury | 7227-10-15 07:40 G | 4360954.71 | 4360954.82 | 4360954.93 | 0.3682 | 0.0447 |
| Mercury | 7229-04-29 13:11 G | 4361516.94 | 4361517.05 | 4361517.16 | 0.3688 | 0.2312 |
| Mercury | 7233-04-30 00:43 G | 4362978.44 | 4362978.53 | 4362978.63 | 0.3683 | 0.1733 |
| Mercury | 7238-11-13 17:45 G | 4365002.18 | 4365002.24 | 4365002.30 | 0.3683 | 0.2969 |
| Mercury | 7267-10-07 01:11 G | 4375556.50 | 4375556.55 | 4375556.61 | 0.3680 | 0.3171 |
| Mercury | 7273-04-21 18:57 G | 4377580.19 | 4377580.29 | 4377580.38 | 0.3681 | 0.1791 |
| Mercury | 7274-11-04 08:38 G | 4378141.75 | 4378141.86 | 4378141.98 | 0.3690 | 0.1984 |
| Mercury | 7278-11-05 12:14 G | 4379603.90 | 4379604.01 | 4379604.12 | 0.3681 | 0.0458 |
| Mercury | 7280-05-20 10:48 G | 4380165.82 | 4380165.95 | 4380166.09 | 0.3689 | 0.0495 |
| Mercury | 7284-05-21 05:31 G | 4381627.63 | 4381627.73 | 4381627.84 | 0.3682 | 0.0855 |
| Mercury | 7285-12-04 13:40 G | 4382190.00 | 4382190.07 | 4382190.14 | 0.3688 | 0.3123 |
| Mercury | 7289-12-04 22:33 G | 4383651.36 | 4383651.44 | 4383651.53 | 0.3683 | 0.2128 |
| Mercury | 7295-06-20 15:36 G | 4385675.11 | 4385675.15 | 4385675.19 | 0.3683 | 0.3354 |
| Mercury | 7324-05-13 23:16 G | 4396229.40 | 4396229.47 | 4396229.54 | 0.3680 | 0.2730 |
| Mercury | 7325-11-26 07:11 G | 4396790.78 | 4396790.80 | 4396790.83 | 0.3690 | 0.3607 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 7329-11-27 16:48 G | 4398253.10 | 4398253.20 | 4398253.31 | 0.3681 | 0.1363 |
| Mercury | 7331-06-12 09:07 G | 4398814.75 | 4398814.88 | 4398815.00 | 0.3689 | 0.1241 |
| Mercury | 7335-06-13 10:19 G | 4400276.82 | 4400276.93 | 4400277.04 | 0.3681 | 0.0078 |
| Mercury | 7336-12-26 11:16 G | 4400838.84 | 4400838.97 | 4400839.10 | 0.3688 | 0.1280 |
| Mercury | 7340-12-27 03:21 G | 4402300.54 | 4402300.64 | 4402300.75 | 0.3682 | 0.1271 |
| Mercury | 7346-07-12 20:38 G | 4404324.28 | 4404324.36 | 4404324.43 | 0.3683 | 0.2522 |
| Mercury | 7380-12-18 21:21 G | 4416902.30 | 4416902.39 | 4416902.47 | 0.3681 | 0.2292 |
| Mercury | 7382-07-03 07:26 G | 4417463.73 | 4417463.81 | 4417463.89 | 0.3690 | 0.2886 |
| Mercury | 7386-07-04 14:52 G | 4418926.01 | 4418926.12 | 4418926.23 | 0.3681 | 0.0932 |
| Mercury | 7388-01-17 09:21 G | 4419487.75 | 4419487.89 | 4419488.02 | 0.3689 | 0.0487 |
| Mercury | 7392-01-18 08:09 G | 4420949.73 | 4420949.84 | 4420949.95 | 0.3682 | 0.0385 |
| Mercury | 7393-08-02 11:45 G | 4421511.88 | 4421511.99 | 4421512.11 | 0.3688 | 0.2075 |
| Mercury | 7397-08-03 01:26 G | 4422973.46 | 4422973.56 | 4422973.65 | 0.3682 | 0.1665 |
| Mercury | 7403-02-17 18:14 G | 4424997.20 | 4424997.26 | 4424997.33 | 0.3683 | 0.2911 |
| Mercury | 7432-01-11 01:40 G | 4435551.52 | 4435551.57 | 4435551.62 | 0.3680 | 0.3238 |
| Mercury | 7437-07-26 19:26 G | 4437575.21 | 4437575.31 | 4437575.40 | 0.3681 | 0.1858 |
| Mercury | 7439-02-08 07:40 G | 4438136.71 | 4438136.82 | 4438136.93 | 0.3690 | 0.2164 |
| Mercury | 7443-02-09 12:43 G | 4439598.93 | 4439599.03 | 4439599.14 | 0.3681 | 0.0534 |
| Mercury | 7444-08-24 09:36 G | 4440160.76 | 4440160.90 | 4440161.04 | 0.3689 | 0.0281 |
| Mercury | 7448-08-25 06:14 G | 4441622.65 | 4441622.76 | 4441622.86 | 0.3682 | 0.0807 |
| Mercury | 7450-03-10 12:14 G | 4442184.93 | 4442185.01 | 4442185.10 | 0.3688 | 0.2874 |
| Mercury | 7454-03-10 23:16 G | 4443646.38 | 4443646.47 | 4443646.56 | 0.3683 | 0.2061 |
| Mercury | 7459-09-24 16:04 G | 4445670.13 | 4445670.17 | 4445670.22 | 0.3684 | 0.3288 |
| Mercury | 7488-08-16 23:45 G | 4456224.42 | 4456224.49 | 4456224.56 | 0.3680 | 0.2795 |
| Mercury | 7494-03-02 17:16 G | 4458248.12 | 4458248.22 | 4458248.33 | 0.3681 | 0.1431 |
| Mercury | 7495-09-15 07:55 G | 4458809.70 | 4458809.83 | 4458809.95 | 0.3689 | 0.1436 |
| Mercury | 7499-09-16 10:48 G | 4460271.84 | 4460271.95 | 4460272.06 | 0.3682 | 0.0111 |
| Mercury | 7501-04-01 09:50 G | 4460833.78 | 4460833.91 | 4460834.05 | 0.3689 | 0.1047 |
| Mercury | 7505-04-02 04:04 G | 4462295.57 | 4462295.67 | 4462295.77 | 0.3682 | 0.1199 |
| Mercury | 7506-10-16 12:43 G | 4462858.03 | 4462858.03 | 4462858.04 | 0.3688 | 0.3687 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 7510-10-16 21:07 G | 4464319.30 | 4464319.38 | 4464319.46 | 0.3683 | 0.2445 |
| Mercury | 7516-05-01 13:55 G | 4466343.08 | 4466343.08 | 4466343.09 | 0.3684 | 0.3666 |
| Mercury | 7545-03-24 21:50 G | 4476897.32 | 4476897.41 | 4476897.49 | 0.3681 | 0.2359 |
| Mercury | 7546-10-07 06:14 G | 4477458.69 | 4477458.76 | 4477458.84 | 0.3690 | 0.3068 |
| Mercury | 7550-10-08 15:21 G | 4478921.03 | 4478921.14 | 4478921.24 | 0.3681 | 0.1013 |
| Mercury | 7552-04-22 07:55 G | 4479482.70 | 4479482.83 | 4479482.97 | 0.3689 | 0.0708 |
| Mercury | 7556-04-23 08:38 G | 4480944.75 | 4480944.86 | 4480944.97 | 0.3682 | 0.0321 |
| Mercury | 7557-11-06 10:19 G | 4481506.81 | 4481506.93 | 4481507.05 | 0.3688 | 0.1826 |
| Mercury | 7561-11-07 01:55 G | 4482968.48 | 4482968.58 | 4482968.68 | 0.3683 | 0.1592 |
| Mercury | 7567-05-23 18:57 G | 4484992.22 | 4484992.29 | 4484992.35 | 0.3683 | 0.2833 |
| Mercury | 7596-04-15 02:09 G | 4495546.54 | 4495546.59 | 4495546.63 | 0.3680 | 0.3312 |
| Mercury | 7601-10-29 19:40 G | 4497570.23 | 4497570.32 | 4497570.42 | 0.3681 | 0.1935 |
| Mercury | 7603-05-14 06:28 G | 4498131.66 | 4498131.77 | 4498131.87 | 0.3689 | 0.2368 |
| Mercury | 7607-05-15 13:11 G | 4499593.94 | 4499594.05 | 4499594.16 | 0.3682 | 0.0598 |
| Mercury | 7608-11-27 08:23 G | 4500155.71 | 4500155.85 | 4500155.98 | 0.3689 | 0.0118 |
| Mercury | 7612-11-28 06:43 G | 4501617.67 | 4501617.78 | 4501617.88 | 0.3682 | 0.0730 |
| Mercury | 7614-06-13 10:48 G | 4502179.86 | 4502179.95 | 4502180.05 | 0.3688 | 0.2615 |
| Mercury | 7618-06-13 23:45 G | 4503641.40 | 4503641.49 | 4503641.58 | 0.3683 | 0.1985 |
| Mercury | 7623-12-28 16:48 G | 4505665.15 | 4505665.20 | 4505665.25 | 0.3683 | 0.3217 |
| Mercury | 7652-11-20 00:14 G | 4516219.44 | 4516219.51 | 4516219.57 | 0.3680 | 0.2877 |
| Mercury | 7658-06-05 17:45 G | 4518243.14 | 4518243.24 | 4518243.34 | 0.3681 | 0.1504 |
| Mercury | 7659-12-19 06:28 G | 4518804.65 | 4518804.77 | 4518804.89 | 0.3689 | 0.1644 |
| Mercury | 7663-12-20 11:16 G | 4520266.86 | 4520266.97 | 4520267.08 | 0.3682 | 0.0181 |
| Mercury | 7665-07-04 08:38 G | 4520828.73 | 4520828.86 | 4520829.00 | 0.3688 | 0.0816 |
| Mercury | 7669-07-05 04:33 G | 4522290.58 | 4522290.69 | 4522290.79 | 0.3682 | 0.1125 |
| Mercury | 7671-01-18 11:16 G | 4522852.92 | 4522852.97 | 4522853.02 | 0.3688 | 0.3420 |
| Mercury | 7675-01-18 21:36 G | 4524314.32 | 4524314.40 | 4524314.48 | 0.3683 | 0.2377 |
| Mercury | 7680-08-03 14:38 G | 4526338.09 | 4526338.11 | 4526338.13 | 0.3684 | 0.3599 |
| Mercury | 7709-06-27 22:04 G | 4536892.34 | 4536892.42 | 4536892.51 | 0.3681 | 0.2438 |
| Mercury | 7711-01-10 05:16 G | 4537453.66 | 4537453.72 | 4537453.78 | 0.3690 | 0.3250 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 7715-01-11 15:50 G | 4538916.05 | 4538916.16 | 4538916.26 | 0.3681 | 0.1081 |
| Mercury | 7716-07-26 06:57 G | 4539477.65 | 4539477.79 | 4539477.92 | 0.3689 | 0.0909 |
| Mercury | 7720-07-27 09:07 G | 4540939.77 | 4540939.88 | 4540939.99 | 0.3682 | 0.0280 |
| Mercury | 7722-02-09 09:07 G | 4541501.75 | 4541501.88 | 4541502.00 | 0.3688 | 0.1593 |
| Mercury | 7726-02-10 02:23 G | 4542963.50 | 4542963.60 | 4542963.70 | 0.3683 | 0.1525 |
| Mercury | 7731-08-26 19:26 G | 4544987.24 | 4544987.31 | 4544987.38 | 0.3683 | 0.2769 |
| Mercury | 7760-07-19 02:23 G | 4555541.56 | 4555541.60 | 4555541.64 | 0.3680 | 0.3388 |
| Mercury | 7766-02-01 20:09 G | 4557565.25 | 4557565.34 | 4557565.44 | 0.3681 | 0.2002 |
| Mercury | 7767-08-17 05:16 G | 4558126.62 | 4558126.72 | 4558126.82 | 0.3689 | 0.2546 |
| Mercury | 7771-08-18 13:40 G | 4559588.97 | 4559589.07 | 4559589.18 | 0.3682 | 0.0669 |
| Mercury | 7773-03-02 07:11 G | 4560150.66 | 4560150.80 | 4560150.93 | 0.3689 | 0.0193 |
| Mercury | 7777-03-03 07:11 G | 4561612.69 | 4561612.80 | 4561612.91 | 0.3682 | 0.0655 |
| Mercury | 7778-09-16 09:36 G | 4562174.79 | 4562174.90 | 4562175.00 | 0.3688 | 0.2375 |
| Mercury | 7782-09-17 00:14 G | 4563636.42 | 4563636.51 | 4563636.60 | 0.3683 | 0.1918 |
| Mercury | 7788-04-01 17:16 G | 4565660.17 | 4565660.22 | 4565660.28 | 0.3684 | 0.3152 |
| Mercury | 7817-02-24 00:28 G | 4576214.46 | 4576214.52 | 4576214.59 | 0.3681 | 0.2945 |
| Mercury | 7822-09-09 18:14 G | 4578238.16 | 4578238.26 | 4578238.36 | 0.3681 | 0.1574 |
| Mercury | 7824-03-24 05:31 G | 4578799.61 | 4578799.73 | 4578799.84 | 0.3689 | 0.1840 |
| Mercury | 7828-03-25 11:45 G | 4580261.88 | 4580261.99 | 4580262.10 | 0.3682 | 0.0238 |
| Mercury | 7829-10-08 07:26 G | 4580823.67 | 4580823.81 | 4580823.94 | 0.3688 | 0.0595 |
| Mercury | 7833-10-09 05:02 G | 4582285.60 | 4582285.71 | 4582285.81 | 0.3683 | 0.1048 |
| Mercury | 7835-04-24 09:50 G | 4582847.84 | 4582847.91 | 4582847.98 | 0.3688 | 0.3155 |
| Mercury | 7839-04-24 22:04 G | 4584309.34 | 4584309.42 | 4584309.51 | 0.3683 | 0.2314 |
| Mercury | 7844-11-07 15:07 G | 4586333.10 | 4586333.13 | 4586333.16 | 0.3684 | 0.3524 |
| Mercury | 7873-09-30 22:33 G | 4596887.36 | 4596887.44 | 4596887.52 | 0.3681 | 0.2514 |
| Mercury | 7875-04-15 04:04 G | 4597448.62 | 4597448.67 | 4597448.72 | 0.3690 | 0.3435 |
| Mercury | 7879-04-16 16:19 G | 4598911.07 | 4598911.18 | 4598911.28 | 0.3682 | 0.1154 |
| Mercury | 7880-10-29 05:31 G | 4599472.60 | 4599472.73 | 4599472.86 | 0.3689 | 0.1114 |
| Mercury | 7884-10-30 09:36 G | 4600934.79 | 4600934.90 | 4600935.01 | 0.3682 | 0.0183 |
| Mercury | 7886-05-15 07:40 G | 4601496.69 | 4601496.82 | 4601496.95 | 0.3688 | 0.1342 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 7890-05-16 02:52 G | 4602958.52 | 4602958.62 | 4602958.72 | 0.3683 | 0.1447 |
| Mercury | 7895-11-29 19:55 G | 4604982.26 | 4604982.33 | 4604982.41 | 0.3683 | 0.2695 |
| Mercury | 7924-10-23 02:52 G | 4615536.58 | 4615536.62 | 4615536.65 | 0.3681 | 0.3471 |
| Mercury | 7930-05-08 20:38 G | 4617560.27 | 4617560.36 | 4617560.45 | 0.3681 | 0.2083 |
| Mercury | 7931-11-21 04:04 G | 4618121.58 | 4618121.67 | 4618121.76 | 0.3689 | 0.2741 |
| Mercury | 7935-11-22 14:09 G | 4619583.98 | 4619584.09 | 4619584.20 | 0.3682 | 0.0737 |
| Mercury | 7937-06-06 05:45 G | 4620145.61 | 4620145.74 | 4620145.88 | 0.3688 | 0.0388 |
| Mercury | 7941-06-07 07:40 G | 4621607.71 | 4621607.82 | 4621607.92 | 0.3682 | 0.0584 |
| Mercury | 7942-12-21 08:09 G | 4622169.72 | 4622169.84 | 4622169.95 | 0.3688 | 0.2120 |
| Mercury | 7946-12-22 00:43 G | 4623631.44 | 4623631.53 | 4623631.63 | 0.3683 | 0.1848 |
| Mercury | 7952-07-06 17:45 G | 4625655.19 | 4625655.24 | 4625655.30 | 0.3684 | 0.3081 |
| Mercury | 7981-05-30 00:57 G | 4636209.48 | 4636209.54 | 4636209.60 | 0.3681 | 0.3029 |
| Mercury | 7986-12-13 18:43 G | 4638233.18 | 4638233.28 | 4638233.38 | 0.3681 | 0.1654 |
| Mercury | 7988-06-27 04:19 G | 4638794.57 | 4638794.68 | 4638794.79 | 0.3689 | 0.2027 |
| Mercury | 7992-06-28 12:14 G | 4640256.90 | 4640257.01 | 4640257.12 | 0.3682 | 0.0320 |
| Mercury | 7994-01-11 06:00 G | 4640818.62 | 4640818.75 | 4640818.89 | 0.3688 | 0.0375 |
| Mercury | 7998-01-12 05:31 G | 4642280.63 | 4642280.73 | 4642280.84 | 0.3683 | 0.0976 |
| Mercury | 7999-07-28 08:38 G | 4642842.77 | 4642842.86 | 4642842.94 | 0.3687 | 0.2910 |

9TH MILLENNIUM CE

This is a list of transits visible from Venus in the 9th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|------------|------------|------------|--------|--------|-------|---|
| Mercury | 8003-07-28 22:48 G | 4644304.36 | 4644304.45 | 4644304.53 | 0.3683 | 0.2239 | | |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 8009-02-10 15:36 G | 4646328.12 | 4646328.15 | 4646328.19 | 0.3684 | 0.3460 |
| Mercury | 8038-01-03 23:02 G | 4656882.38 | 4656882.46 | 4656882.54 | 0.3681 | 0.2591 |
| Mercury | 8039-07-19 03:07 G | 4657443.60 | 4657443.63 | 4657443.65 | 0.3690 | 0.3602 |
| Mercury | 8043-07-20 16:48 G | 4658906.09 | 4658906.20 | 4658906.30 | 0.3682 | 0.1234 |
| Mercury | 8045-02-01 04:33 G | 4659467.56 | 4659467.69 | 4659467.81 | 0.3689 | 0.1312 |
| Mercury | 8049-02-02 10:04 G | 4660929.81 | 4660929.92 | 4660930.03 | 0.3682 | 0.0145 |
| Mercury | 8050-08-18 06:28 G | 4661491.64 | 4661491.77 | 4661491.90 | 0.3688 | 0.1121 |
| Mercury | 8054-08-19 03:21 G | 4662953.54 | 4662953.64 | 4662953.75 | 0.3683 | 0.1387 |
| Mercury | 8060-03-03 20:38 G | 4664977.28 | 4664977.36 | 4664977.43 | 0.3683 | 0.2626 |
| Mercury | 8089-01-25 03:07 G | 4675531.61 | 4675531.63 | 4675531.66 | 0.3681 | 0.3546 |
| Mercury | 8094-08-10 21:07 G | 4677555.29 | 4677555.38 | 4677555.47 | 0.3681 | 0.2154 |
| Mercury | 8096-02-23 03:07 G | 4678116.55 | 4678116.63 | 4678116.71 | 0.3689 | 0.2910 |
| Mercury | 8100-02-24 14:38 G | 4679579.01 | 4679579.11 | 4679579.22 | 0.3682 | 0.0811 |
| Mercury | 8101-09-09 04:33 G | 4680140.56 | 4680140.69 | 4680140.83 | 0.3688 | 0.0598 |
| Mercury | 8105-09-10 08:09 G | 4681602.73 | 4681602.84 | 4681602.95 | 0.3683 | 0.0504 |
| Mercury | 8107-03-26 06:43 G | 4682164.66 | 4682164.78 | 4682164.90 | 0.3688 | 0.1885 |
| Mercury | 8111-03-27 01:26 G | 4683626.46 | 4683626.56 | 4683626.65 | 0.3683 | 0.1776 |
| Mercury | 8116-10-09 18:28 G | 4685650.21 | 4685650.27 | 4685650.33 | 0.3684 | 0.3003 |
| Mercury | 8145-09-02 01:26 G | 4696204.50 | 4696204.56 | 4696204.61 | 0.3681 | 0.3104 |
| Mercury | 8151-03-18 19:11 G | 4698228.20 | 4698228.30 | 4698228.39 | 0.3682 | 0.1728 |
| Mercury | 8152-09-30 03:07 G | 4698789.53 | 4698789.63 | 4698789.74 | 0.3689 | 0.2217 |
| Mercury | 8156-10-01 12:43 G | 4700251.92 | 4700252.03 | 4700252.14 | 0.3682 | 0.0407 |
| Mercury | 8158-04-16 04:48 G | 4700813.56 | 4700813.70 | 4700813.84 | 0.3688 | 0.0133 |
| Mercury | 8162-04-17 06:00 G | 4702275.65 | 4702275.75 | 4702275.86 | 0.3683 | 0.0908 |
| Mercury | 8163-10-31 07:11 G | 4702837.71 | 4702837.80 | 4702837.90 | 0.3688 | 0.2655 |
| Mercury | 8167-10-31 23:16 G | 4704299.38 | 4704299.47 | 4704299.55 | 0.3683 | 0.2160 |
| Mercury | 8173-05-16 16:19 G | 4706323.14 | 4706323.18 | 4706323.22 | 0.3684 | 0.3382 |
| Mercury | 8202-04-09 23:31 G | 4716877.40 | 4716877.48 | 4716877.55 | 0.3681 | 0.2668 |
| Mercury | 8207-10-24 17:02 G | 4718901.11 | 4718901.21 | 4718901.32 | 0.3682 | 0.1311 |
| Mercury | 8209-05-08 03:07 G | 4719462.51 | 4719462.63 | 4719462.76 | 0.3689 | 0.1528 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 8213-05-09 10:33 G | 4720924.83 | 4720924.94 | 4720925.05 | 0.3682 | 0.0094 |
| Mercury | 8214-11-22 05:02 G | 4721486.58 | 4721486.71 | 4721486.85 | 0.3688 | 0.0890 |
| Mercury | 8218-11-23 03:50 G | 4722948.56 | 4722948.66 | 4722948.77 | 0.3683 | 0.1311 |
| Mercury | 8220-06-07 07:40 G | 4723510.77 | 4723510.82 | 4723510.87 | 0.3687 | 0.3429 |
| Mercury | 8224-06-07 21:07 G | 4724972.30 | 4724972.38 | 4724972.46 | 0.3684 | 0.2544 |
| Mercury | 8253-05-01 03:36 G | 4735526.64 | 4735526.65 | 4735526.67 | 0.3681 | 0.3627 |
| Mercury | 8258-11-14 21:21 G | 4737550.31 | 4737550.39 | 4737550.48 | 0.3681 | 0.2241 |
| Mercury | 8260-05-29 01:55 G | 4738111.51 | 4738111.58 | 4738111.65 | 0.3689 | 0.3103 |
| Mercury | 8264-05-30 15:07 G | 4739574.02 | 4739574.13 | 4739574.24 | 0.3682 | 0.0890 |
| Mercury | 8265-12-13 03:21 G | 4740135.51 | 4740135.64 | 4740135.77 | 0.3688 | 0.0808 |
| Mercury | 8269-12-14 08:38 G | 4741597.75 | 4741597.86 | 4741597.97 | 0.3683 | 0.0428 |
| Mercury | 8271-06-29 05:31 G | 4742159.61 | 4742159.73 | 4742159.85 | 0.3688 | 0.1641 |
| Mercury | 8275-06-30 01:55 G | 4743621.48 | 4743621.58 | 4743621.67 | 0.3683 | 0.1698 |
| Mercury | 8281-01-12 18:57 G | 4745645.23 | 4745645.29 | 4745645.35 | 0.3684 | 0.2929 |
| Mercury | 8309-12-07 01:40 G | 4756199.52 | 4756199.57 | 4756199.62 | 0.3681 | 0.3187 |
| Mercury | 8315-06-22 19:26 G | 4758223.22 | 4758223.31 | 4758223.41 | 0.3682 | 0.1811 |
| Mercury | 8317-01-04 02:09 G | 4758784.48 | 4758784.59 | 4758784.69 | 0.3689 | 0.2414 |
| Mercury | 8321-01-05 13:11 G | 4760246.94 | 4760247.05 | 4760247.16 | 0.3682 | 0.0485 |
| Mercury | 8322-07-21 03:36 G | 4760808.52 | 4760808.65 | 4760808.79 | 0.3688 | 0.0101 |
| Mercury | 8326-07-22 06:28 G | 4762270.67 | 4762270.77 | 4762270.88 | 0.3683 | 0.0834 |
| Mercury | 8328-02-04 06:00 G | 4762832.64 | 4762832.75 | 4762832.85 | 0.3687 | 0.2409 |
| Mercury | 8332-02-04 23:45 G | 4764294.40 | 4764294.49 | 4764294.58 | 0.3683 | 0.2088 |
| Mercury | 8337-08-20 16:48 G | 4766318.16 | 4766318.20 | 4766318.25 | 0.3684 | 0.3313 |
| Mercury | 8366-07-13 23:45 G | 4776872.42 | 4776872.49 | 4776872.57 | 0.3681 | 0.2748 |
| Mercury | 8372-01-27 17:31 G | 4778896.13 | 4778896.23 | 4778896.33 | 0.3682 | 0.1384 |
| Mercury | 8373-08-11 02:09 G | 4779457.47 | 4779457.59 | 4779457.71 | 0.3689 | 0.1711 |
| Mercury | 8377-08-12 11:02 G | 4780919.85 | 4780919.96 | 4780920.07 | 0.3682 | 0.0131 |
| Mercury | 8379-02-25 04:04 G | 4781481.53 | 4781481.67 | 4781481.80 | 0.3688 | 0.0680 |
| Mercury | 8383-02-26 04:33 G | 4782943.58 | 4782943.69 | 4782943.79 | 0.3683 | 0.1233 |
| Mercury | 8384-09-10 06:14 G | 4783505.69 | 4783505.76 | 4783505.83 | 0.3687 | 0.3180 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 8388-09-10 21:36 G | 4784967.32 | 4784967.40 | 4784967.48 | 0.3684 | 0.2476 |
| Mercury | 8423-02-17 21:50 G | 4797545.33 | 4797545.41 | 4797545.50 | 0.3681 | 0.2315 |
| Mercury | 8424-09-01 00:57 G | 4798106.48 | 4798106.54 | 4798106.60 | 0.3689 | 0.3275 |
| Mercury | 8428-09-02 15:36 G | 4799569.04 | 4799569.15 | 4799569.26 | 0.3682 | 0.0963 |
| Mercury | 8430-03-18 02:23 G | 4800130.46 | 4800130.60 | 4800130.73 | 0.3689 | 0.1015 |
| Mercury | 8434-03-19 09:07 G | 4801592.77 | 4801592.88 | 4801592.99 | 0.3683 | 0.0352 |
| Mercury | 8435-10-02 04:19 G | 4802154.55 | 4802154.68 | 4802154.80 | 0.3688 | 0.1413 |
| Mercury | 8439-10-03 02:23 G | 4803616.50 | 4803616.60 | 4803616.70 | 0.3683 | 0.1619 |
| Mercury | 8445-04-17 19:26 G | 4805640.25 | 4805640.31 | 4805640.38 | 0.3684 | 0.2863 |
| Mercury | 8474-03-11 02:09 G | 4816194.54 | 4816194.59 | 4816194.64 | 0.3681 | 0.3265 |
| Mercury | 8479-09-24 19:55 G | 4818218.24 | 4818218.33 | 4818218.43 | 0.3682 | 0.1890 |
| Mercury | 8481-04-08 00:57 G | 4818779.45 | 4818779.54 | 4818779.64 | 0.3689 | 0.2604 |
| Mercury | 8485-04-09 13:40 G | 4820241.96 | 4820242.07 | 4820242.18 | 0.3682 | 0.0554 |
| Mercury | 8486-10-23 02:23 G | 4820803.47 | 4820803.60 | 4820803.74 | 0.3688 | 0.0305 |
| Mercury | 8490-10-24 06:57 G | 4822265.68 | 4822265.79 | 4822265.90 | 0.3683 | 0.0748 |
| Mercury | 8492-05-08 04:33 G | 4822827.57 | 4822827.69 | 4822827.80 | 0.3687 | 0.2151 |
| Mercury | 8496-05-09 00:14 G | 4824289.42 | 4824289.51 | 4824289.60 | 0.3684 | 0.2012 |
| Mercury | 8501-11-23 17:16 G | 4826313.17 | 4826313.22 | 4826313.27 | 0.3684 | 0.3234 |
| Mercury | 8530-10-17 00:14 G | 4836867.44 | 4836867.51 | 4836867.58 | 0.3681 | 0.2840 |
| Mercury | 8536-05-01 18:00 G | 4838891.15 | 4838891.25 | 4838891.35 | 0.3682 | 0.1465 |
| Mercury | 8537-11-14 00:57 G | 4839452.43 | 4839452.54 | 4839452.66 | 0.3689 | 0.1915 |
| Mercury | 8541-11-15 11:31 G | 4840914.87 | 4840914.98 | 4840915.09 | 0.3683 | 0.0143 |
| Mercury | 8543-05-31 02:38 G | 4841476.47 | 4841476.61 | 4841476.75 | 0.3688 | 0.0430 |
| Mercury | 8547-06-01 05:02 G | 4842938.60 | 4842938.71 | 4842938.81 | 0.3683 | 0.1154 |
| Mercury | 8548-12-14 04:48 G | 4843500.62 | 4843500.70 | 4843500.79 | 0.3687 | 0.2917 |
| Mercury | 8552-12-14 22:04 G | 4844962.34 | 4844962.42 | 4844962.51 | 0.3684 | 0.2399 |
| Mercury | 8558-06-30 15:07 G | 4846986.12 | 4846986.13 | 4846986.15 | 0.3684 | 0.3609 |
| Mercury | 8587-05-23 22:19 G | 4857540.34 | 4857540.43 | 4857540.51 | 0.3682 | 0.2406 |
| Mercury | 8588-12-05 00:00 G | 4858101.45 | 4858101.50 | 4858101.54 | 0.3689 | 0.3459 |
| Mercury | 8592-12-06 16:04 G | 4859564.06 | 4859564.17 | 4859564.27 | 0.3682 | 0.1052 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 8594-06-21 01:11 G | 4860125.42 | 4860125.55 | 4860125.68 | 0.3688 | 0.1214 |
| Mercury | 8598-06-22 09:36 G | 4861587.79 | 4861587.90 | 4861588.01 | 0.3683 | 0.0284 |
| Mercury | 8600-01-05 02:52 G | 4862149.49 | 4862149.62 | 4862149.75 | 0.3687 | 0.1170 |
| Mercury | 8604-01-07 02:52 G | 4863611.52 | 4863611.62 | 4863611.72 | 0.3683 | 0.1542 |
| Mercury | 8609-07-22 20:09 G | 4865635.27 | 4865635.34 | 4865635.41 | 0.3684 | 0.2785 |
| Mercury | 8638-06-15 02:23 G | 4876189.56 | 4876189.60 | 4876189.64 | 0.3681 | 0.3358 |
| Mercury | 8643-12-29 20:23 G | 4878213.25 | 4878213.35 | 4878213.44 | 0.3682 | 0.1975 |
| Mercury | 8645-07-13 00:00 G | 4878774.41 | 4878774.50 | 4878774.58 | 0.3689 | 0.2785 |
| Mercury | 8649-07-14 13:55 G | 4880236.97 | 4880237.08 | 4880237.19 | 0.3682 | 0.0643 |
| Mercury | 8651-01-27 01:11 G | 4880798.42 | 4880798.55 | 4880798.69 | 0.3688 | 0.0517 |
| Mercury | 8655-01-28 07:26 G | 4882260.70 | 4882260.81 | 4882260.92 | 0.3683 | 0.0673 |
| Mercury | 8656-08-12 03:21 G | 4882822.52 | 4882822.64 | 4882822.75 | 0.3687 | 0.1922 |
| Mercury | 8660-08-13 00:43 G | 4884284.44 | 4884284.53 | 4884284.63 | 0.3684 | 0.1939 |
| Mercury | 8666-02-26 18:00 G | 4886308.19 | 4886308.25 | 4886308.30 | 0.3684 | 0.3163 |
| Mercury | 8695-01-20 00:28 G | 4896862.46 | 4896862.52 | 4896862.59 | 0.3681 | 0.2919 |
| Mercury | 8700-08-05 18:28 G | 4898886.17 | 4898886.27 | 4898886.37 | 0.3682 | 0.1549 |
| Mercury | 8702-02-18 00:00 G | 4899447.39 | 4899447.50 | 4899447.61 | 0.3689 | 0.2098 |
| Mercury | 8706-02-19 12:00 G | 4900909.89 | 4900910.00 | 4900910.11 | 0.3683 | 0.0220 |
| Mercury | 8707-09-04 01:26 G | 4901471.43 | 4901471.56 | 4901471.70 | 0.3688 | 0.0231 |
| Mercury | 8711-09-05 05:31 G | 4902933.62 | 4902933.73 | 4902933.83 | 0.3683 | 0.1075 |
| Mercury | 8713-03-20 03:36 G | 4903495.56 | 4903495.65 | 4903495.75 | 0.3687 | 0.2680 |
| Mercury | 8717-03-20 22:48 G | 4904957.36 | 4904957.45 | 4904957.53 | 0.3684 | 0.2326 |
| Mercury | 8722-10-04 15:50 G | 4906981.13 | 4906981.16 | 4906981.18 | 0.3685 | 0.3535 |
| Mercury | 8751-08-27 22:48 G | 4917535.36 | 4917535.45 | 4917535.53 | 0.3682 | 0.2486 |
| Mercury | 8753-03-10 23:02 G | 4918096.44 | 4918096.46 | 4918096.48 | 0.3689 | 0.3625 |
| Mercury | 8757-03-12 16:33 G | 4919559.08 | 4919559.19 | 4919559.29 | 0.3682 | 0.1132 |
| Mercury | 8758-09-25 00:00 G | 4920120.38 | 4920120.50 | 4920120.63 | 0.3688 | 0.1411 |
| Mercury | 8762-09-26 10:04 G | 4921582.81 | 4921582.92 | 4921583.03 | 0.3683 | 0.0208 |
| Mercury | 8764-04-10 01:40 G | 4922144.44 | 4922144.57 | 4922144.70 | 0.3688 | 0.0937 |
| Mercury | 8768-04-11 03:21 G | 4923606.54 | 4923606.64 | 4923606.74 | 0.3684 | 0.1470 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 8769-10-25 04:04 G | 4924168.62 | 4924168.67 | 4924168.72 | 0.3687 | 0.3448 |
| Mercury | 8773-10-25 20:38 G | 4925630.28 | 4925630.36 | 4925630.43 | 0.3684 | 0.2702 |
| Mercury | 8802-09-18 02:52 G | 4936184.58 | 4936184.62 | 4936184.65 | 0.3681 | 0.3442 |
| Mercury | 8808-04-02 20:38 G | 4938208.27 | 4938208.36 | 4938208.46 | 0.3682 | 0.2058 |
| Mercury | 8809-10-15 23:02 G | 4938769.38 | 4938769.46 | 4938769.53 | 0.3689 | 0.2963 |
| Mercury | 8813-10-17 14:23 G | 4940231.99 | 4940232.10 | 4940232.21 | 0.3683 | 0.0717 |
| Mercury | 8815-05-02 00:00 G | 4940793.37 | 4940793.50 | 4940793.64 | 0.3688 | 0.0731 |
| Mercury | 8819-05-03 07:55 G | 4942255.72 | 4942255.83 | 4942255.94 | 0.3683 | 0.0598 |
| Mercury | 8820-11-15 01:55 G | 4942817.46 | 4942817.58 | 4942817.71 | 0.3687 | 0.1680 |
| Mercury | 8824-11-16 01:11 G | 4944279.46 | 4944279.55 | 4944279.65 | 0.3684 | 0.1856 |
| Mercury | 8830-06-01 18:28 G | 4946303.21 | 4946303.27 | 4946303.33 | 0.3684 | 0.3080 |
| Mercury | 8859-04-25 00:57 G | 4956857.48 | 4956857.54 | 4956857.60 | 0.3682 | 0.3001 |
| Mercury | 8864-11-07 18:43 G | 4958881.18 | 4958881.28 | 4958881.38 | 0.3682 | 0.1637 |
| Mercury | 8866-05-22 22:48 G | 4959442.35 | 4959442.45 | 4959442.56 | 0.3688 | 0.2300 |
| Mercury | 8870-05-24 12:28 G | 4960904.91 | 4960905.02 | 4960905.13 | 0.3683 | 0.0305 |
| Mercury | 8871-12-07 00:14 G | 4961466.37 | 4961466.51 | 4961466.65 | 0.3688 | 0.0040 |
| Mercury | 8875-12-08 06:00 G | 4962928.64 | 4962928.75 | 4962928.85 | 0.3683 | 0.0994 |
| Mercury | 8877-06-22 02:23 G | 4963490.49 | 4963490.60 | 4963490.70 | 0.3687 | 0.2424 |
| Mercury | 8881-06-22 23:16 G | 4964952.38 | 4964952.47 | 4964952.55 | 0.3684 | 0.2243 |
| Mercury | 8887-01-06 16:19 G | 4966976.15 | 4966976.18 | 4966976.21 | 0.3685 | 0.3455 |
| Mercury | 8915-11-30 23:02 G | 4977530.38 | 4977530.46 | 4977530.54 | 0.3682 | 0.2573 |
| Mercury | 8921-06-15 16:48 G | 4979554.10 | 4979554.20 | 4979554.31 | 0.3682 | 0.1217 |
| Mercury | 8922-12-28 23:02 G | 4980115.33 | 4980115.46 | 4980115.58 | 0.3688 | 0.1620 |
| Mercury | 8926-12-30 10:33 G | 4981577.82 | 4981577.94 | 4981578.05 | 0.3683 | 0.0180 |
| Mercury | 8928-07-14 00:28 G | 4982139.39 | 4982139.52 | 4982139.66 | 0.3687 | 0.0713 |
| Mercury | 8932-07-15 03:50 G | 4983601.56 | 4983601.66 | 4983601.76 | 0.3683 | 0.1386 |
| Mercury | 8934-01-28 02:38 G | 4984163.55 | 4984163.61 | 4984163.68 | 0.3686 | 0.3184 |
| Mercury | 8938-01-28 21:07 G | 4985625.30 | 4985625.38 | 4985625.45 | 0.3684 | 0.2625 |
| Mercury | 8966-12-22 03:07 G | 4996179.60 | 4996179.63 | 4996179.66 | 0.3681 | 0.3531 |
| Mercury | 8972-07-06 21:07 G | 4998203.29 | 4998203.38 | 4998203.47 | 0.3682 | 0.2142 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 8974-01-18 21:50 G | 4998764.35 | 4998764.41 | 4998764.48 | 0.3688 | 0.3148 |
| Mercury | 8978-01-20 14:52 G | 5000227.01 | 5000227.12 | 5000227.23 | 0.3683 | 0.0797 |
| Mercury | 8979-08-04 23:02 G | 5000788.33 | 5000788.46 | 5000788.59 | 0.3688 | 0.0919 |
| Mercury | 8983-08-06 08:23 G | 5002250.74 | 5002250.85 | 5002250.96 | 0.3683 | 0.0518 |
| Mercury | 8985-02-18 00:43 G | 5002812.41 | 5002812.53 | 5002812.66 | 0.3687 | 0.1454 |
| Mercury | 8989-02-19 01:55 G | 5004274.48 | 5004274.58 | 5004274.67 | 0.3684 | 0.1784 |
| Mercury | 8994-09-04 18:57 G | 5006298.23 | 5006298.29 | 5006298.35 | 0.3684 | 0.3008 |

10TH MILLENNIUM CE

This is a list of transits visible from Venus in the 10th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 9023-07-30 01:11 G | | 5016852.50 | 5016852.55 | 5016852.61 | 0.3682 | 0.3092 | |
| Mercury | 9029-02-11 19:11 G | | 5018876.20 | 5018876.30 | 5018876.40 | 0.3682 | 0.1716 | |
| Mercury | 9030-08-26 21:50 G | | 5019437.32 | 5019437.41 | 5019437.51 | 0.3688 | 0.2479 | |
| Mercury | 9034-08-28 12:57 G | | 5020899.93 | 5020900.04 | 5020900.15 | 0.3683 | 0.0385 | |
| Mercury | 9036-03-11 23:16 G | | 5021461.33 | 5021461.47 | 5021461.60 | 0.3688 | 0.0235 | |
| Mercury | 9040-03-13 06:28 G | | 5022923.66 | 5022923.77 | 5022923.87 | 0.3683 | 0.0915 | |
| Mercury | 9041-09-26 01:11 G | | 5023485.44 | 5023485.55 | 5023485.66 | 0.3687 | 0.2190 | |
| Mercury | 9045-09-26 23:45 G | | 5024947.40 | 5024947.49 | 5024947.58 | 0.3684 | 0.2165 | |
| Mercury | 9051-04-12 16:48 G | | 5026971.16 | 5026971.20 | 5026971.24 | 0.3685 | 0.3385 | |
| Mercury | 9080-03-04 23:31 G | | 5037525.40 | 5037525.48 | 5037525.55 | 0.3682 | 0.2658 | |
| Mercury | 9085-09-18 17:16 G | | 5039549.12 | 5039549.22 | 5039549.32 | 0.3683 | 0.1295 | |
| Mercury | 9087-04-02 21:50 G | | 5040110.30 | 5040110.41 | 5040110.53 | 0.3688 | 0.1811 | |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 9091-04-04 11:02 G | 5041572.85 | 5041572.96 | 5041573.07 | 0.3683 | 0.0129 |
| Mercury | 9092-10-16 23:31 G | 5042134.34 | 5042134.48 | 5042134.61 | 0.3687 | 0.0515 |
| Mercury | 9096-10-18 04:19 G | 5043596.58 | 5043596.68 | 5043596.78 | 0.3684 | 0.1303 |
| Mercury | 9098-05-03 01:26 G | 5044158.47 | 5044158.56 | 5044158.64 | 0.3687 | 0.2925 |
| Mercury | 9102-05-04 21:36 G | 5045620.32 | 5045620.40 | 5045620.48 | 0.3684 | 0.2551 |
| Mercury | 9131-03-28 03:36 G | 5056174.63 | 5056174.65 | 5056174.66 | 0.3682 | 0.3616 |
| Mercury | 9136-10-10 21:36 G | 5058198.31 | 5058198.40 | 5058198.48 | 0.3682 | 0.2237 |
| Mercury | 9138-04-24 20:52 G | 5058759.32 | 5058759.37 | 5058759.43 | 0.3689 | 0.3331 |
| Mercury | 9142-04-26 15:21 G | 5060222.03 | 5060222.14 | 5060222.25 | 0.3683 | 0.0879 |
| Mercury | 9143-11-08 21:50 G | 5060783.29 | 5060783.41 | 5060783.54 | 0.3688 | 0.1132 |
| Mercury | 9147-11-10 08:52 G | 5062245.76 | 5062245.87 | 5062245.98 | 0.3683 | 0.0423 |
| Mercury | 9149-05-24 23:31 G | 5062807.35 | 5062807.48 | 5062807.61 | 0.3687 | 0.1205 |
| Mercury | 9153-05-26 02:09 G | 5064269.50 | 5064269.59 | 5064269.69 | 0.3684 | 0.1701 |
| Mercury | 9154-12-09 01:40 G | 5064831.57 | 5064831.57 | 5064831.57 | 0.3686 | 0.3682 |
| Mercury | 9158-12-09 19:26 G | 5066293.25 | 5066293.31 | 5066293.38 | 0.3684 | 0.2925 |
| Mercury | 9187-11-02 01:40 G | 5076847.51 | 5076847.57 | 5076847.62 | 0.3682 | 0.3189 |
| Mercury | 9193-05-17 19:40 G | 5078871.22 | 5078871.32 | 5078871.41 | 0.3683 | 0.1812 |
| Mercury | 9194-11-29 20:52 G | 5079432.28 | 5079432.37 | 5079432.46 | 0.3688 | 0.2672 |
| Mercury | 9198-12-01 13:11 G | 5080894.94 | 5080895.05 | 5080895.16 | 0.3683 | 0.0492 |
| Mercury | 9200-06-14 22:04 G | 5081456.28 | 5081456.42 | 5081456.55 | 0.3687 | 0.0444 |
| Mercury | 9204-06-16 06:57 G | 5082918.68 | 5082918.79 | 5082918.89 | 0.3684 | 0.0838 |
| Mercury | 9205-12-29 23:45 G | 5083480.37 | 5083480.49 | 5083480.61 | 0.3687 | 0.1936 |
| Mercury | 9209-12-31 00:14 G | 5084942.42 | 5084942.51 | 5084942.60 | 0.3684 | 0.2082 |
| Mercury | 9215-07-16 17:16 G | 5086966.18 | 5086966.22 | 5086966.27 | 0.3685 | 0.3304 |
| Mercury | 9244-06-07 23:45 G | 5097520.42 | 5097520.49 | 5097520.56 | 0.3682 | 0.2753 |
| Mercury | 9249-12-22 17:45 G | 5099544.13 | 5099544.24 | 5099544.34 | 0.3683 | 0.1390 |
| Mercury | 9251-07-06 20:52 G | 5100105.26 | 5100105.37 | 5100105.48 | 0.3688 | 0.2005 |
| Mercury | 9255-07-08 11:16 G | 5101567.86 | 5101567.97 | 5101568.08 | 0.3683 | 0.0093 |
| Mercury | 9257-01-19 22:04 G | 5102129.29 | 5102129.42 | 5102129.56 | 0.3687 | 0.0294 |
| Mercury | 9261-01-21 04:48 G | 5103591.60 | 5103591.70 | 5103591.81 | 0.3684 | 0.1222 |

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| Mercury | 9262-08-06 00:14 G | 5104153.41 | 5104153.51 | 5104153.60 | 0.3686 | 0.2686 |
| Mercury | 9266-08-06 22:04 G | 5105615.34 | 5105615.42 | 5105615.50 | 0.3684 | 0.2469 |
| Mercury | 9272-02-20 15:21 G | 5107639.13 | 5107639.14 | 5107639.14 | 0.3685 | 0.3677 |
| Mercury | 9301-01-13 21:50 G | 5118193.32 | 5118193.41 | 5118193.50 | 0.3682 | 0.2321 |
| Mercury | 9302-07-28 19:55 G | 5118754.30 | 5118754.33 | 5118754.37 | 0.3688 | 0.3501 |
| Mercury | 9306-07-30 15:36 G | 5120217.05 | 5120217.15 | 5120217.26 | 0.3683 | 0.0978 |
| Mercury | 9308-02-11 20:52 G | 5120778.24 | 5120778.37 | 5120778.50 | 0.3688 | 0.1328 |
| Mercury | 9312-02-13 09:21 G | 5122240.78 | 5122240.89 | 5122241.00 | 0.3683 | 0.0345 |
| Mercury | 9313-08-27 22:19 G | 5122802.30 | 5122802.43 | 5122802.56 | 0.3687 | 0.0988 |
| Mercury | 9317-08-29 02:52 G | 5124264.52 | 5124264.62 | 5124264.71 | 0.3684 | 0.1620 |
| Mercury | 9319-03-14 00:28 G | 5124826.48 | 5124826.52 | 5124826.57 | 0.3686 | 0.3440 |
| Mercury | 9323-03-14 20:09 G | 5126288.27 | 5126288.34 | 5126288.40 | 0.3685 | 0.2853 |
| Mercury | 9352-02-05 01:55 G | 5136842.53 | 5136842.58 | 5136842.63 | 0.3682 | 0.3274 |
| Mercury | 9357-08-20 19:55 G | 5138866.24 | 5138866.33 | 5138866.43 | 0.3682 | 0.1894 |
| Mercury | 9359-03-04 19:55 G | 5139427.25 | 5139427.33 | 5139427.42 | 0.3688 | 0.2847 |
| Mercury | 9363-03-06 13:40 G | 5140889.96 | 5140890.07 | 5140890.18 | 0.3683 | 0.0566 |
| Mercury | 9364-09-17 20:52 G | 5141451.24 | 5141451.37 | 5141451.51 | 0.3687 | 0.0649 |
| Mercury | 9368-09-19 07:26 G | 5142913.70 | 5142913.81 | 5142913.91 | 0.3684 | 0.0754 |
| Mercury | 9370-04-03 22:33 G | 5143475.32 | 5143475.44 | 5143475.56 | 0.3687 | 0.1705 |
| Mercury | 9374-04-05 00:43 G | 5144937.44 | 5144937.53 | 5144937.62 | 0.3684 | 0.2006 |
| Mercury | 9379-10-19 18:00 G | 5146961.20 | 5146961.25 | 5146961.30 | 0.3685 | 0.3222 |
| Mercury | 9408-09-12 00:14 G | 5157515.44 | 5157515.51 | 5157515.58 | 0.3682 | 0.2842 |
| Mercury | 9414-03-28 18:00 G | 5159539.15 | 5159539.25 | 5159539.36 | 0.3683 | 0.1473 |
| Mercury | 9415-10-10 19:55 G | 5160100.22 | 5160100.33 | 5160100.44 | 0.3688 | 0.2191 |
| Mercury | 9419-10-12 11:45 G | 5161562.88 | 5161562.99 | 5161563.10 | 0.3683 | 0.0148 |
| Mercury | 9421-04-25 21:07 G | 5162124.24 | 5162124.38 | 5162124.51 | 0.3687 | 0.0114 |
| Mercury | 9425-04-27 05:16 G | 5163586.62 | 5163586.72 | 5163586.83 | 0.3684 | 0.1145 |
| Mercury | 9426-11-09 22:48 G | 5164148.35 | 5164148.45 | 5164148.56 | 0.3687 | 0.2441 |
| Mercury | 9430-11-10 22:33 G | 5165610.36 | 5165610.44 | 5165610.52 | 0.3685 | 0.2382 |
| Mercury | 9436-05-26 15:50 G | 5167634.14 | 5167634.16 | 5167634.18 | 0.3685 | 0.3594 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 9465-04-18 22:19 G | 5178188.34 | 5178188.43 | 5178188.51 | 0.3682 | 0.2406 |
| Mercury | 9466-10-31 19:11 G | 5178749.29 | 5178749.30 | 5178749.30 | 0.3688 | 0.3673 |
| Mercury | 9470-11-02 16:04 G | 5180212.06 | 5180212.17 | 5180212.28 | 0.3683 | 0.1060 |
| Mercury | 9472-05-16 19:55 G | 5180773.20 | 5180773.33 | 5180773.45 | 0.3688 | 0.1537 |
| Mercury | 9476-05-18 09:50 G | 5182235.80 | 5182235.91 | 5182236.02 | 0.3684 | 0.0266 |
| Mercury | 9477-11-30 21:07 G | 5182797.25 | 5182797.38 | 5182797.52 | 0.3687 | 0.0757 |
| Mercury | 9481-12-02 03:07 G | 5184259.54 | 5184259.63 | 5184259.73 | 0.3684 | 0.1537 |
| Mercury | 9483-06-16 23:16 G | 5184821.40 | 5184821.47 | 5184821.53 | 0.3686 | 0.3176 |
| Mercury | 9487-06-17 20:38 G | 5186283.28 | 5186283.36 | 5186283.43 | 0.3685 | 0.2767 |
| Mercury | 9516-05-11 02:23 G | 5196837.55 | 5196837.60 | 5196837.64 | 0.3682 | 0.3369 |
| Mercury | 9521-11-24 20:23 G | 5198861.25 | 5198861.35 | 5198861.44 | 0.3683 | 0.1989 |
| Mercury | 9523-06-08 18:57 G | 5199422.21 | 5199422.29 | 5199422.36 | 0.3688 | 0.3040 |
| Mercury | 9527-06-10 14:09 G | 5200884.98 | 5200885.09 | 5200885.20 | 0.3683 | 0.0647 |
| Mercury | 9528-12-22 19:55 G | 5201446.20 | 5201446.33 | 5201446.46 | 0.3687 | 0.0857 |
| Mercury | 9532-12-24 07:40 G | 5202908.72 | 5202908.82 | 5202908.93 | 0.3684 | 0.0670 |
| Mercury | 9534-07-08 21:21 G | 5203470.26 | 5203470.39 | 5203470.52 | 0.3687 | 0.1464 |
| Mercury | 9538-07-10 01:11 G | 5204932.46 | 5204932.55 | 5204932.64 | 0.3684 | 0.1917 |
| Mercury | 9544-01-23 18:28 G | 5206956.21 | 5206956.27 | 5206956.32 | 0.3685 | 0.3141 |
| Mercury | 9572-12-16 00:28 G | 5217510.45 | 5217510.52 | 5217510.58 | 0.3682 | 0.2935 |
| Mercury | 9578-07-01 18:28 G | 5219534.17 | 5219534.27 | 5219534.37 | 0.3683 | 0.1568 |
| Mercury | 9580-01-13 18:57 G | 5220095.18 | 5220095.29 | 5220095.39 | 0.3688 | 0.2388 |
| Mercury | 9584-01-15 12:14 G | 5221557.90 | 5221558.01 | 5221558.12 | 0.3683 | 0.0240 |
| Mercury | 9585-07-29 19:55 G | 5222119.20 | 5222119.33 | 5222119.47 | 0.3687 | 0.0172 |
| Mercury | 9589-07-31 05:45 G | 5223581.64 | 5223581.74 | 5223581.85 | 0.3684 | 0.1056 |
| Mercury | 9591-02-12 21:36 G | 5224143.29 | 5224143.40 | 5224143.51 | 0.3686 | 0.2199 |
| Mercury | 9595-02-13 23:02 G | 5225605.38 | 5225605.46 | 5225605.55 | 0.3685 | 0.2308 |
| Mercury | 9600-08-29 16:19 G | 5227629.15 | 5227629.18 | 5227629.21 | 0.3685 | 0.3516 |
| Mercury | 9629-07-22 22:33 G | 5238183.36 | 5238183.44 | 5238183.52 | 0.3682 | 0.2501 |
| Mercury | 9635-02-05 16:33 G | 5240207.08 | 5240207.19 | 5240207.29 | 0.3683 | 0.1147 |
| Mercury | 9636-08-19 18:57 G | 5240768.17 | 5240768.29 | 5240768.40 | 0.3687 | 0.1722 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 9640-08-21 10:19 G | 5242230.82 | 5242230.93 | 5242231.04 | 0.3684 | 0.0198 |
| Mercury | 9642-03-05 20:09 G | 5242792.20 | 5242792.34 | 5242792.47 | 0.3687 | 0.0541 |
| Mercury | 9646-03-07 03:50 G | 5244254.55 | 5244254.66 | 5244254.76 | 0.3684 | 0.1456 |
| Mercury | 9647-09-19 21:50 G | 5244816.33 | 5244816.41 | 5244816.50 | 0.3686 | 0.2935 |
| Mercury | 9651-09-20 21:07 G | 5246278.30 | 5246278.38 | 5246278.45 | 0.3685 | 0.2688 |
| Mercury | 9680-08-13 02:38 G | 5256832.57 | 5256832.61 | 5256832.65 | 0.3682 | 0.3461 |
| Mercury | 9686-02-26 20:38 G | 5258856.27 | 5258856.36 | 5258856.46 | 0.3683 | 0.2076 |
| Mercury | 9687-09-10 18:00 G | 5259417.19 | 5259417.25 | 5259417.31 | 0.3688 | 0.3211 |
| Mercury | 9691-09-12 14:38 G | 5260880.00 | 5260880.11 | 5260880.22 | 0.3683 | 0.0731 |
| Mercury | 9693-03-26 18:57 G | 5261441.16 | 5261441.29 | 5261441.41 | 0.3687 | 0.1055 |
| Mercury | 9697-03-28 08:09 G | 5262903.73 | 5262903.84 | 5262903.95 | 0.3684 | 0.0591 |
| Mercury | 9698-10-10 20:09 G | 5263465.22 | 5263465.34 | 5263465.47 | 0.3687 | 0.1250 |
| Mercury | 9702-10-13 01:40 G | 5264927.48 | 5264927.57 | 5264927.67 | 0.3685 | 0.1836 |
| Mercury | 9704-04-26 22:19 G | 5265489.42 | 5265489.43 | 5265489.44 | 0.3686 | 0.3667 |
| Mercury | 9708-04-27 18:57 G | 5266951.23 | 5266951.29 | 5266951.35 | 0.3685 | 0.3065 |
| Mercury | 9737-03-21 00:43 G | 5277505.47 | 5277505.53 | 5277505.60 | 0.3682 | 0.3027 |
| Mercury | 9742-10-04 18:43 G | 5279529.18 | 5279529.28 | 5279529.38 | 0.3683 | 0.1659 |
| Mercury | 9744-04-17 18:00 G | 5280090.15 | 5280090.25 | 5280090.34 | 0.3688 | 0.2572 |
| Mercury | 9748-04-19 12:43 G | 5281552.92 | 5281553.03 | 5281553.14 | 0.3684 | 0.0324 |
| Mercury | 9749-11-01 18:57 G | 5282114.15 | 5282114.29 | 5282114.42 | 0.3687 | 0.0373 |
| Mercury | 9753-11-03 06:14 G | 5283576.65 | 5283576.76 | 5283576.86 | 0.3684 | 0.0967 |
| Mercury | 9755-05-18 20:23 G | 5284138.23 | 5284138.35 | 5284138.47 | 0.3686 | 0.1951 |
| Mercury | 9759-05-19 23:31 G | 5285600.40 | 5285600.48 | 5285600.57 | 0.3685 | 0.2229 |
| Mercury | 9764-12-02 16:48 G | 5287624.16 | 5287624.20 | 5287624.24 | 0.3685 | 0.3430 |
| Mercury | 9793-10-25 22:48 G | 5298178.38 | 5298178.45 | 5298178.53 | 0.3683 | 0.2605 |
| Mercury | 9799-05-11 16:48 G | 5300202.10 | 5300202.20 | 5300202.31 | 0.3683 | 0.1242 |
| Mercury | 9800-11-23 17:45 G | 5300763.13 | 5300763.24 | 5300763.36 | 0.3688 | 0.1919 |
| Mercury | 9804-11-25 10:33 G | 5302225.83 | 5302225.94 | 5302226.05 | 0.3684 | 0.0107 |
| Mercury | 9806-06-09 18:57 G | 5302787.15 | 5302787.29 | 5302787.42 | 0.3687 | 0.0316 |
| Mercury | 9810-06-11 04:04 G | 5304249.57 | 5304249.67 | 5304249.78 | 0.3684 | 0.1365 |

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|---------|--------------------|------------|------------|------------|--------|--------|
| Mercury | 9811-12-24 20:38 G | 5304811.27 | 5304811.36 | 5304811.45 | 0.3686 | 0.2677 |
| Mercury | 9815-12-25 21:36 G | 5306273.32 | 5306273.40 | 5306273.47 | 0.3685 | 0.2602 |
| Mercury | 9844-11-17 02:52 G | 5316827.60 | 5316827.62 | 5316827.65 | 0.3682 | 0.3565 |
| Mercury | 9850-06-02 21:07 G | 5318851.29 | 5318851.38 | 5318851.47 | 0.3683 | 0.2174 |
| Mercury | 9851-12-15 17:02 G | 5319412.16 | 5319412.21 | 5319412.26 | 0.3688 | 0.3394 |
| Mercury | 9855-12-17 14:52 G | 5320875.02 | 5320875.12 | 5320875.23 | 0.3683 | 0.0831 |
| Mercury | 9857-06-30 17:45 G | 5321436.11 | 5321436.24 | 5321436.37 | 0.3687 | 0.1260 |
| Mercury | 9861-07-02 08:38 G | 5322898.75 | 5322898.86 | 5322898.97 | 0.3684 | 0.0482 |
| Mercury | 9863-01-14 18:57 G | 5323460.16 | 5323460.29 | 5323460.43 | 0.3686 | 0.1019 |
| Mercury | 9867-01-16 02:09 G | 5324922.49 | 5324922.59 | 5324922.69 | 0.3684 | 0.1751 |
| Mercury | 9868-07-30 21:07 G | 5325484.33 | 5325484.38 | 5325484.42 | 0.3686 | 0.3417 |
| Mercury | 9872-07-31 19:26 G | 5326946.25 | 5326946.31 | 5326946.37 | 0.3685 | 0.2979 |
| Mercury | 9901-06-25 01:11 G | 5337500.49 | 5337500.55 | 5337500.60 | 0.3682 | 0.3131 |
| Mercury | 9907-01-08 19:11 G | 5339524.20 | 5339524.30 | 5339524.40 | 0.3683 | 0.1749 |
| Mercury | 9908-07-22 17:02 G | 5340085.12 | 5340085.21 | 5340085.29 | 0.3688 | 0.2754 |
| Mercury | 9912-07-24 12:57 G | 5341547.93 | 5341548.04 | 5341548.15 | 0.3683 | 0.0419 |
| Mercury | 9914-02-05 17:45 G | 5342109.11 | 5342109.24 | 5342109.37 | 0.3687 | 0.0587 |
| Mercury | 9918-02-07 06:43 G | 5343571.67 | 5343571.78 | 5343571.88 | 0.3684 | 0.0886 |
| Mercury | 9919-08-22 19:11 G | 5344133.18 | 5344133.30 | 5344133.42 | 0.3686 | 0.1728 |
| Mercury | 9923-08-24 00:00 G | 5345595.42 | 5345595.50 | 5345595.59 | 0.3685 | 0.2144 |
| Mercury | 9929-03-08 17:16 G | 5347619.18 | 5347619.22 | 5347619.27 | 0.3685 | 0.3355 |
| Mercury | 9958-01-29 23:16 G | 5358173.39 | 5358173.47 | 5358173.55 | 0.3683 | 0.2693 |
| Mercury | 9963-08-15 17:16 G | 5360197.12 | 5360197.22 | 5360197.33 | 0.3683 | 0.1326 |
| Mercury | 9965-02-26 16:48 G | 5360758.10 | 5360758.20 | 5360758.31 | 0.3687 | 0.2109 |
| Mercury | 9969-02-28 11:02 G | 5362220.85 | 5362220.96 | 5362221.07 | 0.3684 | 0.0046 |
| Mercury | 9970-09-12 18:00 G | 5362782.11 | 5362782.25 | 5362782.38 | 0.3687 | 0.0148 |
| Mercury | 9974-09-14 04:48 G | 5364244.59 | 5364244.70 | 5364244.80 | 0.3684 | 0.1289 |
| Mercury | 9976-03-28 19:26 G | 5364806.21 | 5364806.31 | 5364806.42 | 0.3686 | 0.2448 |
| Mercury | 9980-03-29 22:04 G | 5366268.34 | 5366268.42 | 5366268.50 | 0.3685 | 0.2522 |

11TH MILLENNIUM CE

This is a list of transits visible from Venus in the 11th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 10009-02-20 03:21 G | | 5376822.63 | 5376822.64 | 5376822.65 | 0.3682 | 0.3658 | |
| Mercury | 10014-09-05 21:21 G | | 5378846.31 | 5378846.39 | 5378846.48 | 0.3683 | 0.2265 | |
| Mercury | 10016-03-19 16:19 G | | 5379407.15 | 5379407.18 | 5379407.21 | 0.3688 | 0.3557 | |
| Mercury | 10020-03-21 15:21 G | | 5380870.03 | 5380870.14 | 5380870.25 | 0.3683 | 0.0910 | |
| Mercury | 10021-10-03 16:48 G | | 5381431.08 | 5381431.20 | 5381431.32 | 0.3687 | 0.1451 | |
| Mercury | 10025-10-05 09:07 G | | 5382893.77 | 5382893.88 | 5382893.99 | 0.3684 | 0.0399 | |
| Mercury | 10027-04-19 18:00 G | | 5383455.12 | 5383455.25 | 5383455.38 | 0.3687 | 0.0790 | |
| Mercury | 10031-04-21 02:38 G | | 5384917.51 | 5384917.61 | 5384917.71 | 0.3685 | 0.1671 | |
| Mercury | 10032-11-02 19:40 G | | 5385479.26 | 5385479.32 | 5385479.39 | 0.3686 | 0.3172 | |
| Mercury | 10036-11-03 19:55 G | | 5386941.26 | 5386941.33 | 5386941.40 | 0.3685 | 0.2893 | |
| Mercury | 10065-09-27 01:26 G | | 5397495.51 | 5397495.56 | 5397495.61 | 0.3683 | 0.3220 | |
| Mercury | 10071-04-12 19:40 G | | 5399519.22 | 5399519.32 | 5399519.41 | 0.3683 | 0.1841 | |
| Mercury | 10072-10-24 16:04 G | | 5400080.09 | 5400080.17 | 5400080.25 | 0.3688 | 0.2930 | |
| Mercury | 10076-10-26 13:26 G | | 5401542.95 | 5401543.06 | 5401543.17 | 0.3684 | 0.0505 | |
| Mercury | 10078-05-10 16:48 G | | 5402104.07 | 5402104.20 | 5402104.33 | 0.3687 | 0.0798 | |
| Mercury | 10082-05-12 07:11 G | | 5403566.69 | 5403566.80 | 5403566.90 | 0.3684 | 0.0805 | |
| Mercury | 10083-11-24 18:14 G | | 5404128.13 | 5404128.26 | 5404128.38 | 0.3686 | 0.1496 | |
| Mercury | 10087-11-26 00:28 G | | 5405590.43 | 5405590.52 | 5405590.61 | 0.3685 | 0.2051 | |
| Mercury | 10093-06-10 17:45 G | | 5407614.20 | 5407614.24 | 5407614.29 | 0.3686 | 0.3272 | |
| Mercury | 10122-05-04 23:31 G | | 5418168.41 | 5418168.48 | 5418168.56 | 0.3683 | 0.2790 | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 10127-11-18 17:31 G | 5420192.13 | 5420192.23 | 5420192.34 | 0.3683 | 0.1433 |
| Mercury | 10129-06-01 15:50 G | 5420753.06 | 5420753.16 | 5420753.26 | 0.3687 | 0.2305 |
| Mercury | 10133-06-03 11:31 G | 5422215.87 | 5422215.98 | 5422216.09 | 0.3684 | 0.0115 |
| Mercury | 10134-12-16 16:48 G | 5422777.06 | 5422777.20 | 5422777.33 | 0.3687 | 0.0119 |
| Mercury | 10138-12-18 05:02 G | 5424239.61 | 5424239.71 | 5424239.82 | 0.3684 | 0.1190 |
| Mercury | 10140-07-01 18:14 G | 5424801.15 | 5424801.26 | 5424801.37 | 0.3686 | 0.2192 |
| Mercury | 10144-07-02 22:33 G | 5426263.36 | 5426263.44 | 5426263.52 | 0.3685 | 0.2432 |
| Mercury | 10150-01-16 15:50 G | 5428287.14 | 5428287.16 | 5428287.17 | 0.3686 | 0.3640 |
| Mercury | 10178-12-09 21:50 G | 5438841.32 | 5438841.41 | 5438841.49 | 0.3683 | 0.2367 |
| Mercury | 10184-06-24 15:36 G | 5440865.05 | 5440865.15 | 5440865.26 | 0.3684 | 0.1020 |
| Mercury | 10186-01-06 15:50 G | 5441426.04 | 5441426.16 | 5441426.28 | 0.3687 | 0.1657 |
| Mercury | 10190-01-08 09:36 G | 5442888.79 | 5442888.90 | 5442889.01 | 0.3684 | 0.0328 |
| Mercury | 10191-07-23 16:48 G | 5443450.07 | 5443450.20 | 5443450.34 | 0.3686 | 0.0570 |
| Mercury | 10195-07-25 03:07 G | 5444912.53 | 5444912.63 | 5444912.73 | 0.3685 | 0.1581 |
| Mercury | 10197-02-05 18:28 G | 5445474.19 | 5445474.27 | 5445474.35 | 0.3686 | 0.2916 |
| Mercury | 10201-02-07 20:23 G | 5446936.28 | 5446936.35 | 5446936.42 | 0.3685 | 0.2812 |
| Mercury | 10230-01-01 01:40 G | 5457490.53 | 5457490.57 | 5457490.62 | 0.3683 | 0.3324 |
| Mercury | 10235-07-17 19:55 G | 5459514.23 | 5459514.33 | 5459514.42 | 0.3683 | 0.1938 |
| Mercury | 10237-01-28 15:07 G | 5460075.06 | 5460075.13 | 5460075.20 | 0.3687 | 0.3117 |
| Mercury | 10241-01-30 13:55 G | 5461537.97 | 5461538.08 | 5461538.19 | 0.3684 | 0.0607 |
| Mercury | 10242-08-14 15:50 G | 5462099.03 | 5462099.16 | 5462099.29 | 0.3687 | 0.0988 |
| Mercury | 10246-08-16 07:40 G | 5463561.71 | 5463561.82 | 5463561.92 | 0.3684 | 0.0726 |
| Mercury | 10248-02-28 17:02 G | 5464123.08 | 5464123.21 | 5464123.34 | 0.3686 | 0.1263 |
| Mercury | 10252-03-01 00:57 G | 5465585.45 | 5465585.54 | 5465585.64 | 0.3685 | 0.1971 |
| Mercury | 10253-09-13 18:57 G | 5466147.27 | 5466147.29 | 5466147.30 | 0.3685 | 0.3655 |
| Mercury | 10257-09-14 18:28 G | 5467609.21 | 5467609.27 | 5467609.32 | 0.3685 | 0.3191 |
| Mercury | 10286-08-08 00:00 G | 5478163.43 | 5478163.50 | 5478163.57 | 0.3683 | 0.2888 |
| Mercury | 10292-02-21 18:00 G | 5480187.15 | 5480187.25 | 5480187.35 | 0.3683 | 0.1515 |
| Mercury | 10293-09-04 14:52 G | 5480748.03 | 5480748.12 | 5480748.22 | 0.3687 | 0.2485 |
| Mercury | 10297-09-06 12:00 G | 5482210.88 | 5482211.00 | 5482211.11 | 0.3684 | 0.0223 |

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| Mercury | 10299-03-21 15:50 G | 5482772.02 | 5482772.16 | 5482772.29 | 0.3687 | 0.0321 |
| Mercury | 10303-03-24 05:31 G | 5484234.63 | 5484234.73 | 5484234.84 | 0.3685 | 0.1106 |
| Mercury | 10304-10-05 17:16 G | 5484796.10 | 5484796.22 | 5484796.33 | 0.3686 | 0.1969 |
| Mercury | 10308-10-06 23:02 G | 5486258.38 | 5486258.46 | 5486258.54 | 0.3685 | 0.2352 |
| Mercury | 10314-04-22 16:19 G | 5488282.16 | 5488282.18 | 5488282.20 | 0.3686 | 0.3562 |
| Mercury | 10343-03-15 22:04 G | 5498836.34 | 5498836.42 | 5498836.50 | 0.3683 | 0.2456 |
| Mercury | 10348-09-28 16:04 G | 5500860.07 | 5500860.17 | 5500860.28 | 0.3684 | 0.1100 |
| Mercury | 10350-04-12 14:52 G | 5501421.01 | 5501421.12 | 5501421.24 | 0.3687 | 0.1840 |
| Mercury | 10354-04-14 10:04 G | 5502883.80 | 5502883.92 | 5502884.03 | 0.3684 | 0.0260 |
| Mercury | 10355-10-27 15:50 G | 5503445.03 | 5503445.16 | 5503445.29 | 0.3686 | 0.0355 |
| Mercury | 10359-10-29 03:36 G | 5504907.55 | 5504907.65 | 5504907.75 | 0.3685 | 0.1494 |
| Mercury | 10361-05-12 17:16 G | 5505469.13 | 5505469.22 | 5505469.32 | 0.3686 | 0.2672 |
| Mercury | 10365-05-13 20:52 G | 5506931.30 | 5506931.37 | 5506931.45 | 0.3685 | 0.2736 |
| Mercury | 10394-04-06 02:09 G | 5517485.55 | 5517485.59 | 5517485.63 | 0.3683 | 0.3420 |
| Mercury | 10399-10-20 20:09 G | 5519509.25 | 5519509.34 | 5519509.44 | 0.3683 | 0.2038 |
| Mercury | 10401-05-03 14:09 G | 5520070.04 | 5520070.09 | 5520070.15 | 0.3687 | 0.3300 |
| Mercury | 10405-05-05 14:09 G | 5521532.98 | 5521533.09 | 5521533.20 | 0.3684 | 0.0691 |
| Mercury | 10406-11-17 14:52 G | 5522093.99 | 5522094.12 | 5522094.24 | 0.3687 | 0.1190 |
| Mercury | 10410-11-19 07:55 G | 5523556.72 | 5523556.83 | 5523556.94 | 0.3685 | 0.0613 |
| Mercury | 10412-06-02 15:50 G | 5524118.03 | 5524118.16 | 5524118.29 | 0.3686 | 0.1027 |
| Mercury | 10416-06-04 01:26 G | 5525580.47 | 5525580.56 | 5525580.66 | 0.3685 | 0.1882 |
| Mercury | 10417-12-17 17:31 G | 5526142.18 | 5526142.23 | 5526142.28 | 0.3685 | 0.3395 |
| Mercury | 10421-12-18 18:43 G | 5527604.23 | 5527604.28 | 5527604.34 | 0.3686 | 0.3105 |
| Mercury | 10450-11-11 00:14 G | 5538158.44 | 5538158.51 | 5538158.57 | 0.3683 | 0.2994 |
| Mercury | 10456-05-26 18:28 G | 5540182.17 | 5540182.27 | 5540182.37 | 0.3684 | 0.1617 |
| Mercury | 10457-12-08 14:09 G | 5540743.00 | 5540743.09 | 5540743.18 | 0.3687 | 0.2674 |
| Mercury | 10461-12-10 12:14 G | 5542205.90 | 5542206.01 | 5542206.12 | 0.3684 | 0.0283 |
| Mercury | 10463-06-24 14:38 G | 5542766.98 | 5542767.11 | 5542767.25 | 0.3686 | 0.0546 |
| Mercury | 10467-06-26 06:00 G | 5544229.64 | 5544229.75 | 5544229.85 | 0.3685 | 0.1011 |
| Mercury | 10469-01-07 16:04 G | 5544791.05 | 5544791.17 | 5544791.29 | 0.3686 | 0.1730 |

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| Mercury | 10473-01-08 23:31 G | 5546253.39 | 5546253.48 | 5546253.56 | 0.3685 | 0.2263 |
| Mercury | 10478-07-25 16:48 G | 5548277.17 | 5548277.20 | 5548277.23 | 0.3686 | 0.3473 |
| Mercury | 10507-06-18 22:19 G | 5558831.35 | 5558831.43 | 5558831.51 | 0.3683 | 0.2564 |
| Mercury | 10513-01-01 16:33 G | 5560855.08 | 5560855.19 | 5560855.29 | 0.3684 | 0.1200 |
| Mercury | 10514-07-16 13:55 G | 5561415.97 | 5561416.08 | 5561416.19 | 0.3687 | 0.2036 |
| Mercury | 10518-07-18 10:19 G | 5562878.82 | 5562878.93 | 5562879.04 | 0.3684 | 0.0124 |
| Mercury | 10520-01-30 14:38 G | 5563439.98 | 5563440.11 | 5563440.25 | 0.3686 | 0.0155 |
| Mercury | 10524-02-01 04:04 G | 5564902.56 | 5564902.67 | 5564902.77 | 0.3685 | 0.1409 |
| Mercury | 10525-08-15 16:19 G | 5565464.07 | 5565464.18 | 5565464.28 | 0.3685 | 0.2441 |
| Mercury | 10529-08-16 21:21 G | 5566926.32 | 5566926.39 | 5566926.47 | 0.3685 | 0.2645 |
| Mercury | 10558-07-10 02:23 G | 5577480.57 | 5577480.60 | 5577480.63 | 0.3683 | 0.3531 |
| Mercury | 10564-01-23 20:38 G | 5579504.27 | 5579504.36 | 5579504.45 | 0.3683 | 0.2135 |
| Mercury | 10565-08-06 13:26 G | 5580065.02 | 5580065.06 | 5580065.10 | 0.3687 | 0.3469 |
| Mercury | 10569-08-08 14:38 G | 5581528.00 | 5581528.11 | 5581528.22 | 0.3684 | 0.0784 |
| Mercury | 10571-02-20 13:55 G | 5582088.95 | 5582089.08 | 5582089.20 | 0.3686 | 0.1392 |
| Mercury | 10575-02-22 08:23 G | 5583551.74 | 5583551.85 | 5583551.96 | 0.3685 | 0.0527 |
| Mercury | 10576-09-05 14:52 G | 5584112.99 | 5584113.12 | 5584113.25 | 0.3686 | 0.0819 |
| Mercury | 10580-09-07 01:55 G | 5585575.49 | 5585575.58 | 5585575.68 | 0.3685 | 0.1797 |
| Mercury | 10582-03-22 16:33 G | 5586137.12 | 5586137.19 | 5586137.25 | 0.3685 | 0.3157 |
| Mercury | 10586-03-23 19:26 G | 5587599.25 | 5587599.31 | 5587599.37 | 0.3686 | 0.3023 |
| Mercury | 10615-02-15 00:28 G | 5598153.46 | 5598153.52 | 5598153.58 | 0.3683 | 0.3092 |
| Mercury | 10620-08-30 18:43 G | 5600177.18 | 5600177.28 | 5600177.38 | 0.3684 | 0.1708 |
| Mercury | 10622-03-14 13:11 G | 5600737.97 | 5600738.05 | 5600738.13 | 0.3687 | 0.2844 |
| Mercury | 10626-03-16 12:43 G | 5602200.92 | 5602201.03 | 5602201.14 | 0.3684 | 0.0372 |
| Mercury | 10627-09-28 13:40 G | 5602761.94 | 5602762.07 | 5602762.21 | 0.3686 | 0.0744 |
| Mercury | 10631-09-30 06:28 G | 5604224.66 | 5604224.77 | 5604224.88 | 0.3685 | 0.0927 |
| Mercury | 10633-04-13 14:52 G | 5604786.00 | 5604786.12 | 5604786.25 | 0.3686 | 0.1510 |
| Mercury | 10637-04-15 00:00 G | 5606248.41 | 5606248.50 | 5606248.59 | 0.3685 | 0.2181 |
| Mercury | 10642-10-29 17:16 G | 5608272.18 | 5608272.22 | 5608272.26 | 0.3686 | 0.3391 |
| Mercury | 10671-09-21 22:48 G | 5618826.37 | 5618826.45 | 5618826.53 | 0.3683 | 0.2656 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 10677-04-06 16:48 G | 5620850.10 | 5620850.20 | 5620850.31 | 0.3684 | 0.1292 |
| Mercury | 10678-10-19 12:57 G | 5621410.94 | 5621411.04 | 5621411.15 | 0.3687 | 0.2221 |
| Mercury | 10682-10-21 10:48 G | 5622873.84 | 5622873.95 | 5622874.06 | 0.3685 | 0.0087 |
| Mercury | 10684-05-04 13:40 G | 5623434.94 | 5623435.07 | 5623435.21 | 0.3686 | 0.0084 |
| Mercury | 10688-05-06 04:33 G | 5624897.58 | 5624897.69 | 5624897.79 | 0.3685 | 0.1328 |
| Mercury | 10689-11-18 15:07 G | 5625459.02 | 5625459.13 | 5625459.24 | 0.3685 | 0.2205 |
| Mercury | 10693-11-19 21:50 G | 5626921.33 | 5626921.41 | 5626921.49 | 0.3686 | 0.2554 |
| Mercury | 10722-10-14 02:38 G | 5637475.59 | 5637475.61 | 5637475.63 | 0.3683 | 0.3629 |
| Mercury | 10728-04-28 20:52 G | 5639499.28 | 5639499.37 | 5639499.46 | 0.3684 | 0.2229 |
| Mercury | 10729-11-10 12:43 G | 5640060.01 | 5640060.03 | 5640060.05 | 0.3687 | 0.3635 |
| Mercury | 10733-11-12 14:52 G | 5641523.01 | 5641523.12 | 5641523.23 | 0.3684 | 0.0885 |
| Mercury | 10735-05-27 12:57 G | 5642083.92 | 5642084.04 | 5642084.16 | 0.3686 | 0.1597 |
| Mercury | 10739-05-29 08:52 G | 5643546.76 | 5643546.87 | 5643546.98 | 0.3685 | 0.0447 |
| Mercury | 10740-12-10 13:40 G | 5644107.94 | 5644108.07 | 5644108.21 | 0.3686 | 0.0605 |
| Mercury | 10744-12-12 02:23 G | 5645570.50 | 5645570.60 | 5645570.70 | 0.3685 | 0.1702 |
| Mercury | 10746-06-26 15:07 G | 5646132.05 | 5646132.13 | 5646132.22 | 0.3685 | 0.2899 |
| Mercury | 10750-06-27 19:55 G | 5647594.26 | 5647594.33 | 5647594.39 | 0.3686 | 0.2934 |
| Mercury | 10779-05-21 00:57 G | 5658148.48 | 5658148.54 | 5658148.59 | 0.3683 | 0.3192 |
| Mercury | 10784-12-03 18:57 G | 5660172.20 | 5660172.29 | 5660172.39 | 0.3684 | 0.1815 |
| Mercury | 10786-06-17 12:14 G | 5660732.94 | 5660733.01 | 5660733.09 | 0.3687 | 0.3034 |
| Mercury | 10790-06-19 12:57 G | 5662195.93 | 5662196.04 | 5662196.15 | 0.3684 | 0.0479 |
| Mercury | 10792-01-01 12:43 G | 5662756.90 | 5662757.03 | 5662757.16 | 0.3686 | 0.0948 |
| Mercury | 10796-01-03 06:43 G | 5664219.68 | 5664219.78 | 5664219.89 | 0.3685 | 0.0838 |
| Mercury | 10797-07-17 13:40 G | 5664780.95 | 5664781.07 | 5664781.20 | 0.3685 | 0.1279 |
| Mercury | 10801-07-19 00:14 G | 5666243.43 | 5666243.51 | 5666243.61 | 0.3685 | 0.2093 |
| Mercury | 10803-01-31 15:21 G | 5666805.12 | 5666805.14 | 5666805.16 | 0.3685 | 0.3619 |
| Mercury | 10807-02-01 17:45 G | 5668267.19 | 5668267.24 | 5668267.29 | 0.3686 | 0.3305 |
| Mercury | 10835-12-25 23:02 G | 5678821.39 | 5678821.46 | 5678821.53 | 0.3683 | 0.2763 |
| Mercury | 10841-07-10 17:16 G | 5680845.11 | 5680845.22 | 5680845.32 | 0.3684 | 0.1401 |
| Mercury | 10843-01-22 12:00 G | 5681405.91 | 5681406.00 | 5681406.10 | 0.3687 | 0.2414 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 10847-01-24 11:02 G | 5682868.85 | 5682868.96 | 5682869.08 | 0.3685 | 0.0136 |
| Mercury | 10848-08-07 12:43 G | 5683429.90 | 5683430.03 | 5683430.17 | 0.3686 | 0.0288 |
| Mercury | 10852-08-09 04:48 G | 5684892.60 | 5684892.70 | 5684892.81 | 0.3685 | 0.1227 |
| Mercury | 10854-02-21 13:55 G | 5685453.97 | 5685454.08 | 5685454.19 | 0.3685 | 0.1964 |
| Mercury | 10858-02-22 22:19 G | 5686916.35 | 5686916.43 | 5686916.51 | 0.3686 | 0.2470 |
| Mercury | 10863-09-08 15:36 G | 5688940.15 | 5688940.15 | 5688940.16 | 0.3686 | 0.3681 |
| Mercury | 10892-07-31 21:07 G | 5699494.30 | 5699494.38 | 5699494.47 | 0.3684 | 0.2338 |
| Mercury | 10898-02-14 15:21 G | 5701518.03 | 5701518.14 | 5701518.25 | 0.3684 | 0.0976 |
| Mercury | 10899-08-29 12:00 G | 5702078.88 | 5702079.00 | 5702079.11 | 0.3686 | 0.1777 |
| Mercury | 10903-09-01 09:07 G | 5703541.77 | 5703541.88 | 5703541.99 | 0.3685 | 0.0361 |
| Mercury | 10905-03-15 12:43 G | 5704102.90 | 5704103.03 | 5704103.17 | 0.3686 | 0.0388 |
| Mercury | 10909-03-17 02:52 G | 5705565.52 | 5705565.62 | 5705565.72 | 0.3685 | 0.1617 |
| Mercury | 10910-09-29 14:09 G | 5706126.99 | 5706127.09 | 5706127.18 | 0.3685 | 0.2668 |
| Mercury | 10914-09-30 20:23 G | 5707589.28 | 5707589.35 | 5707589.42 | 0.3686 | 0.2852 |
| Mercury | 10943-08-24 01:11 G | 5718143.50 | 5718143.55 | 5718143.60 | 0.3683 | 0.3298 |
| Mercury | 10949-03-08 19:26 G | 5720167.21 | 5720167.31 | 5720167.40 | 0.3684 | 0.1909 |
| Mercury | 10950-09-20 11:31 G | 5720727.92 | 5720727.98 | 5720728.04 | 0.3687 | 0.3203 |
| Mercury | 10954-09-22 13:26 G | 5722190.95 | 5722191.06 | 5722191.17 | 0.3684 | 0.0561 |
| Mercury | 10956-04-05 11:45 G | 5722751.87 | 5722751.99 | 5722752.12 | 0.3686 | 0.1142 |
| Mercury | 10960-04-07 07:11 G | 5724214.69 | 5724214.80 | 5724214.91 | 0.3685 | 0.0748 |
| Mercury | 10961-10-20 12:43 G | 5724775.90 | 5724776.03 | 5724776.16 | 0.3685 | 0.1061 |
| Mercury | 10965-10-22 00:57 G | 5726238.44 | 5726238.54 | 5726238.63 | 0.3686 | 0.2007 |
| Mercury | 10967-05-06 14:23 G | 5726800.04 | 5726800.10 | 5726800.15 | 0.3685 | 0.3378 |
| Mercury | 10971-05-07 18:14 G | 5728262.21 | 5728262.26 | 5728262.31 | 0.3686 | 0.3228 |
| Mercury | 11000-03-30 23:16 G | 5738816.40 | 5738816.47 | 5738816.54 | 0.3684 | 0.2864 |

12TH MILLENNIUM CE

This is a list of transits visible from Venus in the 12th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 11005-10-14 17:31 | G | 5740840.13 | 5740840.23 | 5740840.33 | 0.3684 | 0.1488 | |
| Mercury | 11007-04-28 11:16 | G | 5741400.88 | 5741400.97 | 5741401.06 | 0.3687 | 0.2594 | |
| Mercury | 11011-04-30 11:31 | G | 5742863.87 | 5742863.98 | 5742864.09 | 0.3685 | 0.0158 | |
| Mercury | 11012-11-11 11:45 | G | 5743424.86 | 5743424.99 | 5743425.12 | 0.3686 | 0.0487 | |
| Mercury | 11016-11-13 05:16 | G | 5744887.61 | 5744887.72 | 5744887.82 | 0.3685 | 0.1132 | |
| Mercury | 11018-05-28 12:43 | G | 5745448.91 | 5745449.03 | 5745449.15 | 0.3685 | 0.1729 | |
| Mercury | 11022-05-29 22:48 | G | 5746911.37 | 5746911.45 | 5746911.53 | 0.3686 | 0.2387 | |
| Mercury | 11027-12-13 16:04 | G | 5748935.15 | 5748935.17 | 5748935.19 | 0.3686 | 0.3590 | |
| Mercury | 11056-11-04 21:36 | G | 5759489.31 | 5759489.40 | 5759489.48 | 0.3684 | 0.2442 | |
| Mercury | 11062-05-21 15:36 | G | 5761513.05 | 5761513.15 | 5761513.26 | 0.3684 | 0.1076 | |
| Mercury | 11063-12-03 11:02 | G | 5762073.85 | 5762073.96 | 5762074.07 | 0.3686 | 0.1968 | |
| Mercury | 11067-12-05 09:36 | G | 5763536.79 | 5763536.90 | 5763537.01 | 0.3685 | 0.0252 | |
| Mercury | 11069-06-18 11:45 | G | 5764097.85 | 5764097.99 | 5764098.12 | 0.3686 | 0.0189 | |
| Mercury | 11073-06-20 03:21 | G | 5765560.54 | 5765560.64 | 5765560.74 | 0.3686 | 0.1528 | |
| Mercury | 11075-01-02 12:57 | G | 5766121.94 | 5766122.04 | 5766122.14 | 0.3685 | 0.2424 | |
| Mercury | 11079-01-03 20:52 | G | 5767584.29 | 5767584.37 | 5767584.44 | 0.3686 | 0.2764 | |
| Mercury | 11107-11-28 01:26 | G | 5778138.52 | 5778138.56 | 5778138.60 | 0.3684 | 0.3411 | |
| Mercury | 11113-06-12 19:40 | G | 5780162.23 | 5780162.32 | 5780162.42 | 0.3684 | 0.2012 | |
| Mercury | 11114-12-25 10:33 | G | 5780722.90 | 5780722.94 | 5780722.99 | 0.3687 | 0.3388 | |
| Mercury | 11118-12-27 13:40 | G | 5782185.96 | 5782186.07 | 5782186.18 | 0.3685 | 0.0674 | |
| Mercury | 11120-07-10 10:48 | G | 5782746.83 | 5782746.95 | 5782747.08 | 0.3686 | 0.1344 | |
| Mercury | 11124-07-12 07:40 | G | 5784209.71 | 5784209.82 | 5784209.93 | 0.3685 | 0.0648 | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 11126-01-24 11:45 G | 5784770.86 | 5784770.99 | 5784771.12 | 0.3685 | 0.0833 |
| Mercury | 11130-01-26 01:11 G | 5786233.46 | 5786233.55 | 5786233.65 | 0.3686 | 0.1914 |
| Mercury | 11131-08-10 13:11 G | 5786794.98 | 5786795.05 | 5786795.12 | 0.3685 | 0.3133 |
| Mercury | 11135-08-11 18:43 G | 5788257.23 | 5788257.28 | 5788257.34 | 0.3686 | 0.3136 |
| Mercury | 11164-07-03 23:31 G | 5798811.42 | 5798811.48 | 5798811.55 | 0.3684 | 0.2977 |
| Mercury | 11170-01-17 17:45 G | 5800835.14 | 5800835.24 | 5800835.35 | 0.3684 | 0.1597 |
| Mercury | 11171-08-01 10:19 G | 5801395.85 | 5801395.93 | 5801396.02 | 0.3686 | 0.2779 |
| Mercury | 11175-08-03 11:45 G | 5802858.88 | 5802858.99 | 5802859.11 | 0.3685 | 0.0288 |
| Mercury | 11177-02-14 10:48 G | 5803419.82 | 5803419.95 | 5803420.08 | 0.3686 | 0.0696 |
| Mercury | 11181-02-16 05:45 G | 5804882.63 | 5804882.74 | 5804882.84 | 0.3685 | 0.1047 |
| Mercury | 11182-08-31 11:45 G | 5805443.87 | 5805443.99 | 5805444.11 | 0.3685 | 0.1511 |
| Mercury | 11186-09-01 23:16 G | 5806906.38 | 5806906.47 | 5806906.56 | 0.3686 | 0.2296 |
| Mercury | 11192-03-17 16:33 G | 5808930.16 | 5808930.19 | 5808930.22 | 0.3686 | 0.3512 |
| Mercury | 11221-02-07 21:50 G | 5819484.33 | 5819484.41 | 5819484.49 | 0.3684 | 0.2541 |
| Mercury | 11226-08-24 16:04 G | 5821508.06 | 5821508.17 | 5821508.27 | 0.3684 | 0.1172 |
| Mercury | 11228-03-07 10:19 G | 5822068.82 | 5822068.93 | 5822069.03 | 0.3686 | 0.2154 |
| Mercury | 11232-03-09 10:04 G | 5823531.80 | 5823531.92 | 5823532.03 | 0.3685 | 0.0207 |
| Mercury | 11233-09-21 10:48 G | 5824092.81 | 5824092.95 | 5824093.08 | 0.3685 | 0.0062 |
| Mercury | 11237-09-23 03:50 G | 5825555.55 | 5825555.66 | 5825555.76 | 0.3686 | 0.1443 |
| Mercury | 11239-04-07 12:00 G | 5826116.89 | 5826117.00 | 5826117.10 | 0.3685 | 0.2206 |
| Mercury | 11243-04-08 21:21 G | 5827579.31 | 5827579.39 | 5827579.46 | 0.3686 | 0.2681 |
| Mercury | 11272-03-01 01:40 G | 5838133.54 | 5838133.57 | 5838133.60 | 0.3684 | 0.3513 |
| Mercury | 11277-09-14 20:09 G | 5840157.24 | 5840157.34 | 5840157.43 | 0.3684 | 0.2114 |
| Mercury | 11279-03-29 09:50 G | 5840717.88 | 5840717.91 | 5840717.95 | 0.3687 | 0.3551 |
| Mercury | 11283-03-31 14:09 G | 5842180.98 | 5842181.09 | 5842181.20 | 0.3685 | 0.0756 |
| Mercury | 11284-10-12 10:04 G | 5842741.80 | 5842741.92 | 5842742.04 | 0.3686 | 0.1526 |
| Mercury | 11288-10-14 08:09 G | 5844204.73 | 5844204.84 | 5844204.95 | 0.3685 | 0.0572 |
| Mercury | 11290-04-28 10:48 G | 5844765.81 | 5844765.95 | 5844766.08 | 0.3685 | 0.0627 |
| Mercury | 11294-04-30 01:40 G | 5846228.48 | 5846228.57 | 5846228.67 | 0.3686 | 0.1828 |
| Mercury | 11295-11-12 12:00 G | 5846789.92 | 5846790.00 | 5846790.08 | 0.3685 | 0.2901 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 11299-11-13 19:11 G | 5848252.24 | 5848252.30 | 5848252.36 | 0.3686 | 0.3049 |
| Mercury | 11328-10-07 00:00 G | 5858806.44 | 5858806.50 | 5858806.56 | 0.3684 | 0.3076 |
| Mercury | 11334-04-22 18:14 G | 5860830.16 | 5860830.26 | 5860830.36 | 0.3684 | 0.1687 |
| Mercury | 11335-11-04 09:36 G | 5861390.82 | 5861390.90 | 5861390.98 | 0.3686 | 0.2948 |
| Mercury | 11339-11-06 12:14 G | 5862853.90 | 5862854.01 | 5862854.12 | 0.3685 | 0.0351 |
| Mercury | 11341-05-20 09:50 G | 5863414.78 | 5863414.91 | 5863415.04 | 0.3686 | 0.0901 |
| Mercury | 11345-05-22 06:00 G | 5864877.65 | 5864877.75 | 5864877.86 | 0.3686 | 0.0967 |
| Mercury | 11346-12-04 10:48 G | 5865438.82 | 5865438.95 | 5865439.07 | 0.3685 | 0.1293 |
| Mercury | 11350-12-05 23:45 G | 5866901.40 | 5866901.49 | 5866901.57 | 0.3686 | 0.2205 |
| Mercury | 11352-06-19 12:14 G | 5867462.98 | 5867463.01 | 5867463.03 | 0.3684 | 0.3593 |
| Mercury | 11356-06-20 17:02 G | 5868925.18 | 5868925.21 | 5868925.25 | 0.3687 | 0.3426 |
| Mercury | 11385-05-13 22:04 G | 5879479.35 | 5879479.42 | 5879479.50 | 0.3684 | 0.2643 |
| Mercury | 11390-11-27 16:19 G | 5881503.07 | 5881503.18 | 5881503.29 | 0.3685 | 0.1277 |
| Mercury | 11392-06-10 09:21 G | 5882063.79 | 5882063.89 | 5882063.99 | 0.3686 | 0.2345 |
| Mercury | 11396-06-12 10:19 G | 5883526.82 | 5883526.93 | 5883527.04 | 0.3685 | 0.0075 |
| Mercury | 11397-12-25 09:50 G | 5884087.77 | 5884087.91 | 5884088.04 | 0.3686 | 0.0277 |
| Mercury | 11401-12-28 04:04 G | 5885550.57 | 5885550.67 | 5885550.77 | 0.3686 | 0.1340 |
| Mercury | 11403-07-12 10:48 G | 5886111.83 | 5886111.95 | 5886112.06 | 0.3685 | 0.1963 |
| Mercury | 11407-07-13 21:36 G | 5887574.33 | 5887574.40 | 5887574.48 | 0.3686 | 0.2585 |
| Mercury | 11436-06-05 01:55 G | 5898128.56 | 5898128.58 | 5898128.60 | 0.3684 | 0.3622 |
| Mercury | 11441-12-19 20:23 G | 5900152.26 | 5900152.35 | 5900152.44 | 0.3684 | 0.2224 |
| Mercury | 11447-07-05 14:23 G | 5902175.99 | 5902176.10 | 5902176.21 | 0.3685 | 0.0866 |
| Mercury | 11449-01-16 09:07 G | 5902736.76 | 5902736.88 | 5902737.00 | 0.3686 | 0.1725 |
| Mercury | 11453-01-18 08:23 G | 5904199.74 | 5904199.85 | 5904199.96 | 0.3685 | 0.0458 |
| Mercury | 11454-08-02 09:36 G | 5904760.77 | 5904760.90 | 5904761.04 | 0.3685 | 0.0417 |
| Mercury | 11458-08-04 02:09 G | 5906223.49 | 5906223.59 | 5906223.69 | 0.3686 | 0.1731 |
| Mercury | 11460-02-16 10:48 G | 5906784.86 | 5906784.95 | 5906785.05 | 0.3684 | 0.2656 |
| Mercury | 11464-02-17 19:40 G | 5908247.26 | 5908247.32 | 5908247.38 | 0.3686 | 0.2963 |
| Mercury | 11493-01-10 00:14 G | 5918801.45 | 5918801.51 | 5918801.56 | 0.3684 | 0.3186 |
| Mercury | 11498-07-26 18:28 G | 5920825.17 | 5920825.27 | 5920825.37 | 0.3684 | 0.1797 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 11500-02-07 08:52 G | 5921385.80 | 5921385.87 | 5921385.93 | 0.3686 | 0.3129 |
| Mercury | 11504-02-10 12:43 G | 5922848.91 | 5922849.03 | 5922849.14 | 0.3685 | 0.0464 |
| Mercury | 11505-08-24 08:52 G | 5923409.75 | 5923409.87 | 5923410.00 | 0.3686 | 0.1096 |
| Mercury | 11509-08-26 06:28 G | 5924872.66 | 5924872.77 | 5924872.88 | 0.3685 | 0.0857 |
| Mercury | 11511-03-10 09:50 G | 5925433.78 | 5925433.91 | 5925434.03 | 0.3685 | 0.1077 |
| Mercury | 11515-03-12 00:14 G | 5926896.42 | 5926896.51 | 5926896.60 | 0.3686 | 0.2121 |
| Mercury | 11516-09-23 11:02 G | 5927457.91 | 5927457.96 | 5927458.01 | 0.3684 | 0.3358 |
| Mercury | 11520-09-24 17:31 G | 5928920.19 | 5928920.23 | 5928920.28 | 0.3687 | 0.3343 |
| Mercury | 11549-08-17 22:19 G | 5939474.36 | 5939474.43 | 5939474.51 | 0.3684 | 0.2754 |
| Mercury | 11555-03-03 16:33 G | 5941498.09 | 5941498.19 | 5941498.30 | 0.3685 | 0.1382 |
| Mercury | 11556-09-14 08:38 G | 5942058.76 | 5942058.86 | 5942058.95 | 0.3686 | 0.2521 |
| Mercury | 11560-09-16 10:48 G | 5943521.84 | 5943521.95 | 5943522.06 | 0.3685 | 0.0095 |
| Mercury | 11562-03-31 08:52 G | 5944082.74 | 5944082.87 | 5944083.00 | 0.3685 | 0.0451 |
| Mercury | 11566-04-02 04:33 G | 5945545.58 | 5945545.69 | 5945545.79 | 0.3686 | 0.1253 |
| Mercury | 11567-10-15 09:50 G | 5946106.79 | 5946106.91 | 5946107.02 | 0.3685 | 0.1747 |
| Mercury | 11571-10-16 22:04 G | 5947569.34 | 5947569.42 | 5947569.50 | 0.3686 | 0.2504 |
| Mercury | 11606-03-24 20:38 G | 5960147.27 | 5960147.36 | 5960147.45 | 0.3684 | 0.2321 |
| Mercury | 11611-10-08 14:52 G | 5962171.01 | 5962171.12 | 5962171.23 | 0.3685 | 0.0955 |
| Mercury | 11613-04-21 08:23 G | 5962731.73 | 5962731.85 | 5962731.96 | 0.3686 | 0.1908 |
| Mercury | 11617-04-23 08:52 G | 5964194.76 | 5964194.87 | 5964194.98 | 0.3685 | 0.0369 |
| Mercury | 11618-11-05 08:52 G | 5964755.73 | 5964755.87 | 5964756.00 | 0.3685 | 0.0217 |
| Mercury | 11622-11-07 02:38 G | 5966218.51 | 5966218.61 | 5966218.71 | 0.3686 | 0.1643 |
| Mercury | 11624-05-21 09:50 G | 5966779.81 | 5966779.91 | 5966780.01 | 0.3685 | 0.2420 |
| Mercury | 11628-05-22 20:09 G | 5968242.27 | 5968242.34 | 5968242.41 | 0.3687 | 0.2881 |
| Mercury | 11657-04-15 00:28 G | 5978796.47 | 5978796.52 | 5978796.57 | 0.3684 | 0.3290 |
| Mercury | 11662-10-29 18:43 G | 5980820.19 | 5980820.28 | 5980820.38 | 0.3685 | 0.1903 |
| Mercury | 11664-05-12 07:55 G | 5981380.78 | 5981380.83 | 5981380.89 | 0.3686 | 0.3305 |
| Mercury | 11668-05-14 12:57 G | 5982843.93 | 5982844.04 | 5982844.15 | 0.3685 | 0.0544 |
| Mercury | 11669-11-26 08:09 G | 5983404.71 | 5983404.84 | 5983404.96 | 0.3686 | 0.1286 |
| Mercury | 11673-11-28 06:57 G | 5984867.68 | 5984867.79 | 5984867.89 | 0.3686 | 0.0772 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 11675-06-12 08:38 G | 5985428.73 | 5985428.86 | 5985428.99 | 0.3685 | 0.0846 |
| Mercury | 11679-06-14 00:28 G | 5986891.43 | 5986891.52 | 5986891.62 | 0.3686 | 0.2034 |
| Mercury | 11680-12-26 09:50 G | 5987452.84 | 5987452.91 | 5987452.98 | 0.3684 | 0.3115 |
| Mercury | 11684-12-27 18:00 G | 5988915.20 | 5988915.25 | 5988915.30 | 0.3687 | 0.3249 |
| Mercury | 11713-11-20 22:33 G | 5999469.37 | 5999469.44 | 5999469.51 | 0.3684 | 0.2868 |
| Mercury | 11719-06-06 17:02 G | 6001493.11 | 6001493.21 | 6001493.31 | 0.3685 | 0.1474 |
| Mercury | 11720-12-18 07:40 G | 6002053.73 | 6002053.82 | 6002053.91 | 0.3686 | 0.2703 |
| Mercury | 11724-12-20 11:02 G | 6003516.85 | 6003516.96 | 6003517.07 | 0.3685 | 0.0143 |
| Mercury | 11726-07-04 07:55 G | 6004077.70 | 6004077.83 | 6004077.96 | 0.3685 | 0.0659 |
| Mercury | 11730-07-06 05:02 G | 6005540.60 | 6005540.71 | 6005540.81 | 0.3686 | 0.1165 |
| Mercury | 11732-01-18 08:38 G | 6006101.74 | 6006101.86 | 6006101.98 | 0.3685 | 0.1514 |
| Mercury | 11736-01-19 22:33 G | 6007564.36 | 6007564.44 | 6007564.52 | 0.3686 | 0.2409 |
| Mercury | 11741-08-04 16:04 G | 6009588.15 | 6009588.17 | 6009588.18 | 0.3687 | 0.3621 |
| Mercury | 11770-06-27 20:52 G | 6020142.29 | 6020142.37 | 6020142.46 | 0.3685 | 0.2433 |
| Mercury | 11776-01-11 15:07 G | 6022166.02 | 6022166.13 | 6022166.24 | 0.3685 | 0.1062 |
| Mercury | 11777-07-25 07:26 G | 6022726.70 | 6022726.81 | 6022726.92 | 0.3686 | 0.2101 |
| Mercury | 11781-07-27 09:07 G | 6024189.77 | 6024189.88 | 6024189.99 | 0.3686 | 0.0265 |
| Mercury | 11783-02-08 07:40 G | 6024750.69 | 6024750.82 | 6024750.96 | 0.3685 | 0.0107 |
| Mercury | 11787-02-10 02:52 G | 6026213.52 | 6026213.62 | 6026213.72 | 0.3686 | 0.1553 |
| Mercury | 11788-08-24 08:38 G | 6026774.76 | 6026774.86 | 6026774.97 | 0.3684 | 0.2196 |
| Mercury | 11792-08-25 20:38 G | 6028237.29 | 6028237.36 | 6028237.43 | 0.3687 | 0.2791 |
| Mercury | 11821-07-20 00:43 G | 6038791.49 | 6038791.53 | 6038791.57 | 0.3684 | 0.3411 |
| Mercury | 11827-02-02 19:11 G | 6040815.20 | 6040815.30 | 6040815.39 | 0.3685 | 0.2008 |
| Mercury | 11828-08-16 07:11 G | 6041375.76 | 6041375.80 | 6041375.84 | 0.3686 | 0.3475 |
| Mercury | 11832-08-18 13:11 G | 6042838.94 | 6042839.05 | 6042839.16 | 0.3685 | 0.0658 |
| Mercury | 11834-03-02 07:11 G | 6043399.68 | 6043399.80 | 6043399.92 | 0.3685 | 0.1480 |
| Mercury | 11838-03-04 07:11 G | 6044862.69 | 6044862.80 | 6044862.91 | 0.3686 | 0.0669 |
| Mercury | 11839-09-16 07:40 G | 6045423.69 | 6045423.82 | 6045423.95 | 0.3685 | 0.0646 |
| Mercury | 11843-09-18 00:57 G | 6046886.45 | 6046886.54 | 6046886.64 | 0.3686 | 0.1940 |
| Mercury | 11845-04-01 08:52 G | 6047447.79 | 6047447.87 | 6047447.95 | 0.3684 | 0.2887 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 11849-04-02 18:28 G | 6048910.22 | 6048910.27 | 6048910.33 | 0.3687 | 0.3169 |
| Mercury | 11878-02-23 23:02 G | 6059464.39 | 6059464.46 | 6059464.52 | 0.3684 | 0.2973 |
| Mercury | 11883-09-09 17:16 G | 6061488.12 | 6061488.22 | 6061488.32 | 0.3685 | 0.1580 |
| Mercury | 11885-03-23 06:57 G | 6062048.71 | 6062048.79 | 6062048.87 | 0.3686 | 0.2877 |
| Mercury | 11889-03-25 11:31 G | 6063511.86 | 6063511.98 | 6063512.09 | 0.3685 | 0.0261 |
| Mercury | 11890-10-07 06:57 G | 6064072.66 | 6064072.79 | 6064072.92 | 0.3685 | 0.0852 |
| Mercury | 11894-10-09 05:16 G | 6065535.62 | 6065535.72 | 6065535.83 | 0.3686 | 0.1072 |
| Mercury | 11896-04-22 07:40 G | 6066096.70 | 6066096.82 | 6066096.95 | 0.3685 | 0.1304 |
| Mercury | 11900-04-24 23:02 G | 6067559.38 | 6067559.46 | 6067559.54 | 0.3686 | 0.2324 |
| Mercury | 11901-11-07 08:52 G | 6068120.85 | 6068120.87 | 6068120.90 | 0.3684 | 0.3584 |
| Mercury | 11905-11-08 16:33 G | 6069583.16 | 6069583.19 | 6069583.22 | 0.3687 | 0.3539 |
| Mercury | 11934-10-01 21:07 G | 6080137.30 | 6080137.38 | 6080137.47 | 0.3685 | 0.2538 |
| Mercury | 11940-04-16 15:36 G | 6082161.04 | 6082161.15 | 6082161.25 | 0.3685 | 0.1166 |
| Mercury | 11941-10-29 06:43 G | 6082721.67 | 6082721.78 | 6082721.88 | 0.3686 | 0.2278 |
| Mercury | 11945-10-31 09:36 G | 6084184.79 | 6084184.90 | 6084185.01 | 0.3686 | 0.0182 |
| Mercury | 11947-05-15 06:57 G | 6084745.65 | 6084745.79 | 6084745.92 | 0.3685 | 0.0234 |
| Mercury | 11951-05-17 03:21 G | 6086208.54 | 6086208.64 | 6086208.74 | 0.3686 | 0.1463 |
| Mercury | 11952-11-28 07:40 G | 6086769.71 | 6086769.82 | 6086769.94 | 0.3684 | 0.1978 |
| Mercury | 11956-11-29 20:52 G | 6088232.30 | 6088232.37 | 6088232.45 | 0.3687 | 0.2703 |
| Mercury | 11985-10-23 00:57 G | 6098786.51 | 6098786.54 | 6098786.57 | 0.3684 | 0.3515 |
| Mercury | 11991-05-08 19:26 G | 6100810.22 | 6100810.31 | 6100810.40 | 0.3685 | 0.2105 |
| Mercury | 11992-11-19 06:28 G | 6101370.76 | 6101370.77 | 6101370.79 | 0.3686 | 0.3638 |
| Mercury | 11996-11-21 13:40 G | 6102833.96 | 6102834.07 | 6102834.18 | 0.3685 | 0.0753 |
| Mercury | 11998-06-05 06:14 G | 6103394.65 | 6103394.76 | 6103394.88 | 0.3685 | 0.1675 |

13TH MILLENNIUM CE

This is a list of transits visible from Venus in the 13th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 12002-06-07 07:40 | G | 6104857.71 | 6104857.82 | 6104857.93 | 0.3686 | 0.0575 | |
| Mercury | 12003-12-20 06:43 | G | 6105418.65 | 6105418.78 | 6105418.92 | 0.3685 | 0.0435 | |
| Mercury | 12007-12-22 01:26 | G | 6106881.46 | 6106881.56 | 6106881.65 | 0.3686 | 0.1843 | |
| Mercury | 12009-07-05 07:40 | G | 6107442.73 | 6107442.82 | 6107442.92 | 0.3684 | 0.2647 | |
| Mercury | 12013-07-06 18:57 | G | 6108905.23 | 6108905.29 | 6108905.35 | 0.3687 | 0.3078 | |
| Mercury | 12042-05-29 23:16 | G | 6119459.41 | 6119459.47 | 6119459.53 | 0.3685 | 0.3077 | |
| Mercury | 12047-12-13 17:31 | G | 6121483.13 | 6121483.23 | 6121483.33 | 0.3685 | 0.1692 | |
| Mercury | 12049-06-26 06:00 | G | 6122043.68 | 6122043.75 | 6122043.82 | 0.3686 | 0.3063 | |
| Mercury | 12053-06-28 11:45 | G | 6123506.88 | 6123506.99 | 6123507.10 | 0.3686 | 0.0338 | |
| Mercury | 12055-01-10 06:00 | G | 6124067.63 | 6124067.75 | 6124067.88 | 0.3685 | 0.1058 | |
| Mercury | 12059-01-12 05:45 | G | 6125530.63 | 6125530.74 | 6125530.84 | 0.3686 | 0.0971 | |
| Mercury | 12060-07-26 06:43 | G | 6126091.65 | 6126091.78 | 6126091.91 | 0.3684 | 0.1078 | |
| Mercury | 12064-07-27 23:16 | G | 6127554.39 | 6127554.47 | 6127554.56 | 0.3687 | 0.2233 | |
| Mercury | 12066-02-09 07:55 | G | 6128115.77 | 6128115.83 | 6128115.88 | 0.3684 | 0.3336 | |
| Mercury | 12070-02-10 17:02 | G | 6129578.17 | 6129578.21 | 6129578.24 | 0.3687 | 0.3452 | |
| Mercury | 12099-01-03 21:21 | G | 6140132.32 | 6140132.39 | 6140132.47 | 0.3685 | 0.2651 | |
| Mercury | 12104-07-20 15:50 | G | 6142156.05 | 6142156.16 | 6142156.26 | 0.3685 | 0.1273 | |
| Mercury | 12106-02-01 05:45 | G | 6142716.65 | 6142716.74 | 6142716.84 | 0.3686 | 0.2461 | |
| Mercury | 12110-02-03 09:50 | G | 6144179.80 | 6144179.91 | 6144180.03 | 0.3686 | 0.0108 | |
| Mercury | 12111-08-18 06:00 | G | 6144740.62 | 6144740.75 | 6144740.88 | 0.3685 | 0.0419 | |
| Mercury | 12115-08-20 03:50 | G | 6146203.55 | 6146203.66 | 6146203.76 | 0.3686 | 0.1366 | |
| Mercury | 12117-03-03 06:43 | G | 6146764.66 | 6146764.78 | 6146764.90 | 0.3684 | 0.1749 | |
| Mercury | 12121-03-04 21:21 | G | 6148227.32 | 6148227.39 | 6148227.47 | 0.3687 | 0.2616 | |
| Mercury | 12150-01-26 01:11 | G | 6158781.53 | 6158781.55 | 6158781.56 | 0.3684 | 0.3633 | |
| Mercury | 12155-08-11 19:40 | G | 6160805.23 | 6160805.32 | 6160805.41 | 0.3685 | 0.2219 | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 12161-02-24 13:55 G | 6162828.97 | 6162829.08 | 6162829.19 | 0.3686 | 0.0852 |
| Mercury | 12162-09-08 05:31 G | 6163389.62 | 6163389.73 | 6163389.84 | 0.3685 | 0.1850 |
| Mercury | 12166-09-10 07:55 G | 6164852.72 | 6164852.83 | 6164852.95 | 0.3686 | 0.0490 |
| Mercury | 12168-03-24 05:45 G | 6165413.61 | 6165413.74 | 6165413.88 | 0.3685 | 0.0241 |
| Mercury | 12172-03-26 01:55 G | 6166876.48 | 6166876.58 | 6166876.67 | 0.3687 | 0.1760 |
| Mercury | 12173-10-08 06:43 G | 6167437.68 | 6167437.78 | 6167437.88 | 0.3684 | 0.2426 |
| Mercury | 12177-10-09 19:26 G | 6168900.25 | 6168900.31 | 6168900.37 | 0.3687 | 0.2994 |
| Mercury | 12206-09-02 23:31 G | 6179454.42 | 6179454.48 | 6179454.53 | 0.3685 | 0.3193 |
| Mercury | 12212-03-18 18:00 G | 6181478.15 | 6181478.25 | 6181478.34 | 0.3685 | 0.1796 |
| Mercury | 12213-09-30 05:31 G | 6182038.66 | 6182038.73 | 6182038.79 | 0.3686 | 0.3225 |
| Mercury | 12217-10-02 12:14 G | 6183501.89 | 6183502.01 | 6183502.12 | 0.3686 | 0.0455 |
| Mercury | 12219-04-16 05:16 G | 6184062.60 | 6184062.72 | 6184062.85 | 0.3685 | 0.1234 |
| Mercury | 12223-04-18 06:00 G | 6185525.65 | 6185525.75 | 6185525.86 | 0.3686 | 0.0888 |
| Mercury | 12224-10-30 05:45 G | 6186086.61 | 6186086.74 | 6186086.87 | 0.3684 | 0.0876 |
| Mercury | 12228-10-31 23:45 G | 6187549.41 | 6187549.49 | 6187549.58 | 0.3687 | 0.2150 |
| Mercury | 12230-05-16 06:43 G | 6188110.71 | 6188110.78 | 6188110.85 | 0.3684 | 0.3107 |
| Mercury | 12234-05-17 17:31 G | 6189573.19 | 6189573.23 | 6189573.27 | 0.3687 | 0.3371 |
| Mercury | 12263-04-09 21:50 G | 6200127.33 | 6200127.41 | 6200127.48 | 0.3685 | 0.2757 |
| Mercury | 12268-10-23 16:04 G | 6202151.07 | 6202151.17 | 6202151.28 | 0.3685 | 0.1369 |
| Mercury | 12270-05-07 05:02 G | 6202711.62 | 6202711.71 | 6202711.80 | 0.3686 | 0.2632 |
| Mercury | 12274-05-09 10:19 G | 6204174.82 | 6204174.93 | 6204175.04 | 0.3686 | 0.0047 |
| Mercury | 12275-11-21 05:02 G | 6204735.58 | 6204735.71 | 6204735.84 | 0.3685 | 0.0617 |
| Mercury | 12279-11-23 04:04 G | 6206198.57 | 6206198.67 | 6206198.78 | 0.3687 | 0.1272 |
| Mercury | 12281-06-06 05:45 G | 6206759.61 | 6206759.74 | 6206759.86 | 0.3684 | 0.1528 |
| Mercury | 12285-06-07 21:50 G | 6208222.33 | 6208222.41 | 6208222.49 | 0.3687 | 0.2530 |
| Mercury | 12319-11-15 19:55 G | 6220800.24 | 6220800.33 | 6220800.42 | 0.3685 | 0.2328 |
| Mercury | 12325-05-31 14:23 G | 6222823.99 | 6222824.10 | 6222824.21 | 0.3686 | 0.0957 |
| Mercury | 12326-12-13 04:48 G | 6223384.59 | 6223384.70 | 6223384.81 | 0.3685 | 0.2033 |
| Mercury | 12330-12-15 08:23 G | 6224847.74 | 6224847.85 | 6224847.96 | 0.3686 | 0.0384 |
| Mercury | 12332-06-28 04:48 G | 6225408.57 | 6225408.70 | 6225408.84 | 0.3685 | 0.0086 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 12336-06-30 02:09 G | 6226871.49 | 6226871.59 | 6226871.69 | 0.3687 | 0.1663 |
| Mercury | 12338-01-12 05:45 G | 6227432.63 | 6227432.74 | 6227432.84 | 0.3684 | 0.2196 |
| Mercury | 12342-01-13 19:55 G | 6228895.26 | 6228895.33 | 6228895.39 | 0.3687 | 0.2903 |
| Mercury | 12370-12-06 23:45 G | 6239449.44 | 6239449.49 | 6239449.53 | 0.3685 | 0.3312 |
| Mercury | 12376-06-21 18:14 G | 6241473.16 | 6241473.26 | 6241473.36 | 0.3685 | 0.1899 |
| Mercury | 12378-01-03 04:33 G | 6242033.65 | 6242033.69 | 6242033.74 | 0.3686 | 0.3400 |
| Mercury | 12382-01-05 12:28 G | 6243496.91 | 6243497.02 | 6243497.13 | 0.3686 | 0.0546 |
| Mercury | 12383-07-20 04:19 G | 6244057.56 | 6244057.68 | 6244057.81 | 0.3685 | 0.1437 |
| Mercury | 12387-07-22 06:28 G | 6245520.66 | 6245520.77 | 6245520.88 | 0.3686 | 0.0776 |
| Mercury | 12389-02-02 04:48 G | 6246081.57 | 6246081.70 | 6246081.83 | 0.3684 | 0.0660 |
| Mercury | 12393-02-04 00:14 G | 6247544.42 | 6247544.51 | 6247544.60 | 0.3687 | 0.2049 |
| Mercury | 12394-08-19 05:45 G | 6248105.66 | 6248105.74 | 6248105.82 | 0.3684 | 0.2869 |
| Mercury | 12398-08-20 17:45 G | 6249568.20 | 6249568.24 | 6249568.29 | 0.3687 | 0.3279 |
| Mercury | 12427-07-13 21:50 G | 6260122.34 | 6260122.41 | 6260122.48 | 0.3685 | 0.2876 |
| Mercury | 12433-01-26 16:19 G | 6262146.08 | 6262146.18 | 6262146.29 | 0.3685 | 0.1480 |
| Mercury | 12434-08-10 04:19 G | 6262706.60 | 6262706.68 | 6262706.76 | 0.3685 | 0.2814 |
| Mercury | 12438-08-12 10:33 G | 6264169.83 | 6264169.94 | 6264170.05 | 0.3686 | 0.0131 |
| Mercury | 12440-02-24 04:04 G | 6264730.55 | 6264730.67 | 6264730.80 | 0.3685 | 0.0822 |
| Mercury | 12444-02-26 04:33 G | 6266193.58 | 6266193.69 | 6266193.79 | 0.3687 | 0.1174 |
| Mercury | 12445-09-09 04:48 G | 6266754.57 | 6266754.70 | 6266754.82 | 0.3684 | 0.1318 |
| Mercury | 12449-09-10 22:19 G | 6268217.35 | 6268217.43 | 6268217.51 | 0.3687 | 0.2436 |
| Mercury | 12451-03-26 05:45 G | 6268778.71 | 6268778.74 | 6268778.77 | 0.3683 | 0.3562 |
| Mercury | 12455-03-27 15:50 G | 6270241.15 | 6270241.16 | 6270241.17 | 0.3688 | 0.3653 |
| Mercury | 12484-02-17 20:09 G | 6280795.26 | 6280795.34 | 6280795.43 | 0.3685 | 0.2439 |
| Mercury | 12489-09-02 14:38 G | 6282819.00 | 6282819.11 | 6282819.22 | 0.3686 | 0.1057 |
| Mercury | 12491-03-17 03:50 G | 6283379.56 | 6283379.66 | 6283379.77 | 0.3685 | 0.2221 |
| Mercury | 12495-03-19 08:38 G | 6284842.75 | 6284842.86 | 6284842.97 | 0.3686 | 0.0293 |
| Mercury | 12496-09-30 04:04 G | 6285403.54 | 6285403.67 | 6285403.80 | 0.3684 | 0.0174 |
| Mercury | 12500-10-03 02:38 G | 6286866.51 | 6286866.61 | 6286866.71 | 0.3687 | 0.1571 |
| Mercury | 12502-04-17 04:48 G | 6287427.59 | 6287427.70 | 6287427.81 | 0.3684 | 0.1982 |

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| Mercury | 12506-04-18 20:23 G | 6288890.28 | 6288890.35 | 6288890.42 | 0.3687 | 0.2820 |
| Mercury | 12535-03-12 00:00 G | 6299444.46 | 6299444.50 | 6299444.54 | 0.3685 | 0.3422 |
| Mercury | 12540-09-24 18:28 G | 6301468.18 | 6301468.27 | 6301468.36 | 0.3685 | 0.2006 |
| Mercury | 12542-04-08 04:04 G | 6302028.64 | 6302028.67 | 6302028.70 | 0.3685 | 0.3559 |
| Mercury | 12546-04-10 12:43 G | 6303491.92 | 6303492.03 | 6303492.14 | 0.3686 | 0.0640 |
| Mercury | 12547-10-23 03:36 G | 6304052.53 | 6304052.65 | 6304052.77 | 0.3685 | 0.1613 |
| Mercury | 12551-10-25 06:43 G | 6305515.67 | 6305515.78 | 6305515.90 | 0.3687 | 0.0700 |
| Mercury | 12553-05-08 03:50 G | 6306076.53 | 6306076.66 | 6306076.80 | 0.3684 | 0.0468 |
| Mercury | 12557-05-10 00:43 G | 6307539.44 | 6307539.53 | 6307539.62 | 0.3687 | 0.1962 |
| Mercury | 12558-11-22 04:48 G | 6308100.60 | 6308100.70 | 6308100.79 | 0.3684 | 0.2651 |
| Mercury | 12562-11-23 18:14 G | 6309563.21 | 6309563.26 | 6309563.32 | 0.3688 | 0.3194 |
| Mercury | 12591-10-16 22:19 G | 6320117.36 | 6320117.43 | 6320117.49 | 0.3685 | 0.2981 |
| Mercury | 12597-05-01 16:48 G | 6322141.09 | 6322141.20 | 6322141.30 | 0.3686 | 0.1583 |
| Mercury | 12598-11-13 03:36 G | 6322701.58 | 6322701.65 | 6322701.72 | 0.3685 | 0.2980 |
| Mercury | 12602-11-16 11:02 G | 6324164.84 | 6324164.96 | 6324165.07 | 0.3686 | 0.0275 |
| Mercury | 12604-05-30 03:21 G | 6324725.51 | 6324725.64 | 6324725.77 | 0.3685 | 0.1002 |
| Mercury | 12608-06-01 05:02 G | 6326188.60 | 6326188.71 | 6326188.81 | 0.3687 | 0.1091 |
| Mercury | 12609-12-14 03:50 G | 6326749.53 | 6326749.66 | 6326749.79 | 0.3684 | 0.1109 |
| Mercury | 12613-12-15 22:48 G | 6328212.36 | 6328212.45 | 6328212.53 | 0.3687 | 0.2347 |
| Mercury | 12615-06-30 04:48 G | 6328773.64 | 6328773.70 | 6328773.75 | 0.3683 | 0.3325 |
| Mercury | 12619-07-01 16:19 G | 6330236.16 | 6330236.18 | 6330236.20 | 0.3688 | 0.3570 |
| Mercury | 12648-05-23 20:23 G | 6340790.27 | 6340790.35 | 6340790.44 | 0.3685 | 0.2547 |
| Mercury | 12653-12-07 14:52 G | 6342814.01 | 6342814.12 | 6342814.23 | 0.3686 | 0.1164 |
| Mercury | 12655-06-21 03:07 G | 6343374.53 | 6343374.63 | 6343374.73 | 0.3685 | 0.2402 |
| Mercury | 12659-06-23 09:07 G | 6344837.77 | 6344837.88 | 6344837.99 | 0.3686 | 0.0197 |
| Mercury | 12661-01-04 03:07 G | 6345398.50 | 6345398.63 | 6345398.76 | 0.3684 | 0.0382 |
| Mercury | 12665-01-06 02:52 G | 6346861.52 | 6346861.62 | 6346861.73 | 0.3687 | 0.1476 |
| Mercury | 12666-07-21 03:36 G | 6347422.54 | 6347422.65 | 6347422.77 | 0.3684 | 0.1754 |
| Mercury | 12670-07-22 20:38 G | 6348885.29 | 6348885.36 | 6348885.44 | 0.3687 | 0.2726 |
| Mercury | 12699-06-15 00:14 G | 6359439.48 | 6359439.51 | 6359439.54 | 0.3685 | 0.3534 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 12704-12-29 18:43 G | 6361463.19 | 6361463.28 | 6361463.37 | 0.3686 | 0.2121 |
| Mercury | 12710-07-15 12:57 G | 6363486.93 | 6363487.04 | 6363487.15 | 0.3686 | 0.0754 |
| Mercury | 12712-01-27 02:52 G | 6364047.50 | 6364047.62 | 6364047.73 | 0.3685 | 0.1802 |
| Mercury | 12716-01-29 07:11 G | 6365510.69 | 6365510.80 | 6365510.91 | 0.3686 | 0.0585 |
| Mercury | 12717-08-12 02:52 G | 6366071.49 | 6366071.62 | 6366071.76 | 0.3684 | 0.0271 |
| Mercury | 12721-08-14 00:57 G | 6367534.45 | 6367534.54 | 6367534.64 | 0.3687 | 0.1866 |
| Mercury | 12723-02-26 03:36 G | 6368095.55 | 6368095.65 | 6368095.75 | 0.3683 | 0.2425 |
| Mercury | 12727-02-27 18:43 G | 6369558.22 | 6369558.28 | 6369558.34 | 0.3688 | 0.3106 |
| Mercury | 12756-01-20 22:19 G | 6380112.37 | 6380112.43 | 6380112.49 | 0.3685 | 0.3101 |
| Mercury | 12761-08-05 17:02 G | 6382136.11 | 6382136.21 | 6382136.31 | 0.3686 | 0.1698 |
| Mercury | 12763-02-17 02:52 G | 6382696.55 | 6382696.62 | 6382696.68 | 0.3685 | 0.3157 |
| Mercury | 12767-02-19 11:16 G | 6384159.86 | 6384159.97 | 6384160.08 | 0.3686 | 0.0337 |
| Mercury | 12768-09-02 02:38 G | 6384720.48 | 6384720.61 | 6384720.73 | 0.3684 | 0.1188 |
| Mercury | 12772-09-04 05:16 G | 6386183.61 | 6386183.72 | 6386183.83 | 0.3687 | 0.0984 |
| Mercury | 12774-03-19 02:52 G | 6386744.49 | 6386744.62 | 6386744.75 | 0.3684 | 0.0893 |
| Mercury | 12778-03-20 23:02 G | 6388207.38 | 6388207.46 | 6388207.55 | 0.3687 | 0.2255 |
| Mercury | 12779-10-03 03:50 G | 6388768.59 | 6388768.66 | 6388768.73 | 0.3683 | 0.3106 |
| Mercury | 12783-10-04 16:48 G | 6390231.16 | 6390231.20 | 6390231.23 | 0.3688 | 0.3485 |
| Mercury | 12812-08-26 20:38 G | 6400785.28 | 6400785.36 | 6400785.44 | 0.3685 | 0.2662 |
| Mercury | 12818-03-12 15:07 G | 6402809.03 | 6402809.13 | 6402809.24 | 0.3686 | 0.1268 |
| Mercury | 12819-09-24 02:23 G | 6403369.51 | 6403369.60 | 6403369.69 | 0.3685 | 0.2570 |
| Mercury | 12823-09-26 09:21 G | 6404832.78 | 6404832.89 | 6404833.00 | 0.3686 | 0.0088 |
| Mercury | 12825-04-09 02:23 G | 6405393.47 | 6405393.60 | 6405393.73 | 0.3684 | 0.0570 |
| Mercury | 12829-04-11 03:21 G | 6406856.54 | 6406856.64 | 6406856.74 | 0.3687 | 0.1383 |
| Mercury | 12830-10-24 02:52 G | 6407417.49 | 6407417.62 | 6407417.74 | 0.3684 | 0.1552 |
| Mercury | 12834-10-25 21:07 G | 6408880.31 | 6408880.38 | 6408880.46 | 0.3688 | 0.2643 |
| Mercury | 12863-09-18 00:28 G | 6419434.50 | 6419434.52 | 6419434.53 | 0.3685 | 0.3654 |
| Mercury | 12869-04-02 18:57 G | 6421458.20 | 6421458.29 | 6421458.38 | 0.3686 | 0.2225 |
| Mercury | 12874-10-17 13:26 G | 6423481.95 | 6423482.06 | 6423482.17 | 0.3686 | 0.0845 |
| Mercury | 12876-04-30 02:09 G | 6424042.48 | 6424042.59 | 6424042.70 | 0.3685 | 0.1969 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 12880-05-02 07:26 G | 6425505.70 | 6425505.81 | 6425505.93 | 0.3687 | 0.0510 |
| Mercury | 12881-11-14 02:09 G | 6426066.46 | 6426066.59 | 6426066.72 | 0.3684 | 0.0057 |
| Mercury | 12885-11-16 01:26 G | 6427529.46 | 6427529.56 | 6427529.66 | 0.3687 | 0.1776 |
| Mercury | 12887-05-31 02:38 G | 6428090.51 | 6428090.61 | 6428090.72 | 0.3684 | 0.2208 |
| Mercury | 12891-06-01 19:11 G | 6429553.24 | 6429553.30 | 6429553.36 | 0.3688 | 0.3025 |
| Mercury | 12920-04-24 22:33 G | 6440107.39 | 6440107.44 | 6440107.50 | 0.3685 | 0.3212 |
| Mercury | 12925-11-08 17:16 G | 6442131.12 | 6442131.22 | 6442131.32 | 0.3686 | 0.1796 |
| Mercury | 12927-05-23 02:09 G | 6442691.54 | 6442691.59 | 6442691.64 | 0.3685 | 0.3324 |
| Mercury | 12931-05-25 11:31 G | 6444154.87 | 6444154.98 | 6444155.09 | 0.3686 | 0.0435 |
| Mercury | 12932-12-06 01:55 G | 6444715.45 | 6444715.58 | 6444715.70 | 0.3684 | 0.1371 |
| Mercury | 12936-12-08 05:31 G | 6446178.63 | 6446178.73 | 6446178.84 | 0.3687 | 0.0895 |
| Mercury | 12938-06-22 01:55 G | 6446739.45 | 6446739.58 | 6446739.71 | 0.3684 | 0.0683 |
| Mercury | 12942-06-23 23:31 G | 6448202.39 | 6448202.48 | 6448202.57 | 0.3688 | 0.2168 |
| Mercury | 12944-01-06 02:38 G | 6448763.53 | 6448763.61 | 6448763.70 | 0.3683 | 0.2878 |
| Mercury | 12948-01-07 17:02 G | 6450226.17 | 6450226.21 | 6450226.25 | 0.3688 | 0.3396 |
| Mercury | 12976-11-29 20:52 G | 6460780.30 | 6460780.37 | 6460780.45 | 0.3686 | 0.2777 |
| Mercury | 12982-06-15 15:21 G | 6462804.04 | 6462804.14 | 6462804.25 | 0.3686 | 0.1378 |
| Mercury | 12983-12-28 01:40 G | 6463364.49 | 6463364.57 | 6463364.66 | 0.3685 | 0.2742 |
| Mercury | 12987-12-30 09:36 G | 6464827.79 | 6464827.90 | 6464828.02 | 0.3687 | 0.0108 |
| Mercury | 12989-07-13 01:26 G | 6465388.43 | 6465388.56 | 6465388.69 | 0.3684 | 0.0768 |
| Mercury | 12993-07-15 03:50 G | 6466851.55 | 6466851.66 | 6466851.76 | 0.3687 | 0.1294 |
| Mercury | 12995-01-27 01:55 G | 6467412.45 | 6467412.58 | 6467412.70 | 0.3684 | 0.1337 |
| Mercury | 12999-01-28 21:36 G | 6468875.32 | 6468875.40 | 6468875.48 | 0.3687 | 0.2551 |
| Mercury | 13000-08-13 02:38 G | 6469436.58 | 6469436.61 | 6469436.65 | 0.3683 | 0.3549 |

14TH MILLENNIUM CE

This is a list of transits visible from Venus in the 14th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 13033-07-07 19:11 | G | 6481453.21 | 6481453.30 | 6481453.39 | 0.3686 | 0.2339 | |
| Mercury | 13039-01-21 13:40 | G | 6483476.96 | 6483477.07 | 6483477.18 | 0.3686 | 0.0957 | |
| Mercury | 13040-08-04 01:11 | G | 6484037.45 | 6484037.55 | 6484037.66 | 0.3684 | 0.2163 | |
| Mercury | 13044-08-06 07:55 | G | 6485500.71 | 6485500.83 | 6485500.94 | 0.3687 | 0.0407 | |
| Mercury | 13046-02-18 01:11 | G | 6486061.42 | 6486061.55 | 6486061.68 | 0.3684 | 0.0149 | |
| Mercury | 13050-02-20 01:55 | G | 6487524.48 | 6487524.58 | 6487524.67 | 0.3687 | 0.1687 | |
| Mercury | 13051-09-04 01:40 | G | 6488085.46 | 6488085.57 | 6488085.68 | 0.3683 | 0.1989 | |
| Mercury | 13055-09-05 19:26 | G | 6489548.25 | 6489548.31 | 6489548.38 | 0.3688 | 0.2935 | |
| Mercury | 13084-07-28 22:48 | G | 6500102.40 | 6500102.45 | 6500102.50 | 0.3685 | 0.3333 | |
| Mercury | 13090-02-11 17:31 | G | 6502126.13 | 6502126.23 | 6502126.33 | 0.3686 | 0.1910 | |
| Mercury | 13091-08-26 01:26 | G | 6502686.52 | 6502686.56 | 6502686.60 | 0.3685 | 0.3491 | |
| Mercury | 13095-08-28 11:45 | G | 6504149.88 | 6504149.99 | 6504150.10 | 0.3686 | 0.0544 | |
| Mercury | 13097-03-11 00:57 | G | 6504710.42 | 6504710.54 | 6504710.66 | 0.3684 | 0.1558 | |
| Mercury | 13101-03-14 06:00 | G | 6506173.64 | 6506173.75 | 6506173.86 | 0.3687 | 0.0792 | |
| Mercury | 13102-09-26 01:11 | G | 6506734.41 | 6506734.55 | 6506734.68 | 0.3684 | 0.0502 | |
| Mercury | 13106-09-28 00:00 | G | 6508197.40 | 6508197.50 | 6508197.59 | 0.3687 | 0.2079 | |
| Mercury | 13108-04-11 01:40 | G | 6508758.48 | 6508758.57 | 6508758.66 | 0.3683 | 0.2656 | |
| Mercury | 13112-04-12 17:31 | G | 6510221.19 | 6510221.23 | 6510221.28 | 0.3688 | 0.3314 | |
| Mercury | 13141-03-05 21:07 | G | 6520775.31 | 6520775.38 | 6520775.45 | 0.3686 | 0.2888 | |
| Mercury | 13146-09-19 15:50 | G | 6522799.05 | 6522799.16 | 6522799.26 | 0.3686 | 0.1486 | |
| Mercury | 13148-04-02 00:57 | G | 6523359.47 | 6523359.54 | 6523359.62 | 0.3685 | 0.2912 | |
| Mercury | 13152-04-04 10:04 | G | 6524822.80 | 6524822.92 | 6524823.03 | 0.3687 | 0.0139 | |
| Mercury | 13153-10-17 00:43 | G | 6525383.40 | 6525383.53 | 6525383.66 | 0.3684 | 0.0948 | |
| Mercury | 13157-10-19 04:04 | G | 6526846.57 | 6526846.67 | 6526846.78 | 0.3687 | 0.1195 | |
| Mercury | 13159-05-03 00:57 | G | 6527407.41 | 6527407.54 | 6527407.67 | 0.3684 | 0.1137 | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 13163-05-04 21:50 G | 6528870.33 | 6528870.41 | 6528870.50 | 0.3688 | 0.2469 |
| Mercury | 13164-11-16 01:40 G | 6529431.52 | 6529431.57 | 6529431.63 | 0.3683 | 0.3330 |
| Mercury | 13197-10-10 19:26 G | 6541448.23 | 6541448.31 | 6541448.40 | 0.3686 | 0.2448 |
| Mercury | 13203-04-26 13:55 G | 6543471.97 | 6543472.08 | 6543472.19 | 0.3686 | 0.1056 |
| Mercury | 13204-11-07 00:43 G | 6544032.43 | 6544032.53 | 6544032.63 | 0.3684 | 0.2328 |
| Mercury | 13208-11-09 08:09 G | 6545495.73 | 6545495.84 | 6545495.95 | 0.3687 | 0.0295 |
| Mercury | 13210-05-24 00:28 G | 6546056.39 | 6546056.52 | 6546056.65 | 0.3684 | 0.0336 |
| Mercury | 13214-05-26 02:09 G | 6547519.49 | 6547519.59 | 6547519.69 | 0.3687 | 0.1595 |
| Mercury | 13215-12-08 00:57 G | 6548080.42 | 6548080.54 | 6548080.65 | 0.3683 | 0.1787 |
| Mercury | 13219-12-09 19:55 G | 6549543.26 | 6549543.33 | 6549543.40 | 0.3688 | 0.2845 |
| Mercury | 13248-10-31 23:02 G | 6560097.42 | 6560097.46 | 6560097.50 | 0.3686 | 0.3442 |
| Mercury | 13254-05-17 17:45 G | 6562121.15 | 6562121.24 | 6562121.34 | 0.3686 | 0.2013 |
| Mercury | 13255-11-29 00:57 G | 6562681.52 | 6562681.54 | 6562681.55 | 0.3685 | 0.3645 |
| Mercury | 13259-12-01 12:14 G | 6564144.89 | 6564145.01 | 6564145.12 | 0.3687 | 0.0648 |
| Mercury | 13261-06-14 00:14 G | 6564705.39 | 6564705.51 | 6564705.62 | 0.3684 | 0.1742 |
| Mercury | 13265-06-16 06:14 G | 6566168.65 | 6566168.76 | 6566168.88 | 0.3687 | 0.0714 |
| Mercury | 13266-12-29 00:14 G | 6566729.38 | 6566729.51 | 6566729.64 | 0.3684 | 0.0297 |
| Mercury | 13270-12-31 00:14 G | 6568192.42 | 6568192.51 | 6568192.60 | 0.3688 | 0.1979 |
| Mercury | 13272-07-14 00:43 G | 6568753.43 | 6568753.53 | 6568753.63 | 0.3683 | 0.2429 |
| Mercury | 13276-07-15 18:00 G | 6570216.20 | 6570216.25 | 6570216.30 | 0.3688 | 0.3226 |
| Mercury | 13305-06-08 21:21 G | 6580770.33 | 6580770.39 | 6580770.46 | 0.3686 | 0.2998 |
| Mercury | 13310-12-23 15:50 G | 6582794.06 | 6582794.16 | 6582794.27 | 0.3686 | 0.1600 |
| Mercury | 13312-07-06 00:14 G | 6583354.44 | 6583354.51 | 6583354.58 | 0.3685 | 0.3087 |
| Mercury | 13316-07-08 10:19 G | 6584817.82 | 6584817.93 | 6584818.04 | 0.3687 | 0.0222 |
| Mercury | 13318-01-20 00:00 G | 6585378.37 | 6585378.50 | 6585378.62 | 0.3684 | 0.1147 |
| Mercury | 13322-01-22 04:19 G | 6586841.58 | 6586841.68 | 6586841.79 | 0.3687 | 0.1099 |
| Mercury | 13323-08-06 00:00 G | 6587402.37 | 6587402.50 | 6587402.63 | 0.3683 | 0.0921 |
| Mercury | 13327-08-07 22:19 G | 6588865.34 | 6588865.43 | 6588865.51 | 0.3688 | 0.2369 |
| Mercury | 13329-02-19 00:43 G | 6589426.46 | 6589426.53 | 6589426.60 | 0.3683 | 0.3101 |
| Mercury | 13333-02-20 16:04 G | 6590889.15 | 6590889.17 | 6590889.19 | 0.3688 | 0.3604 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 13362-01-13 19:40 G | 6601443.24 | 6601443.32 | 6601443.40 | 0.3686 | 0.2566 |
| Mercury | 13367-07-30 14:09 G | 6603466.98 | 6603467.09 | 6603467.20 | 0.3687 | 0.1168 |
| Mercury | 13369-02-10 00:00 G | 6604027.40 | 6604027.50 | 6604027.59 | 0.3684 | 0.2509 |
| Mercury | 13373-02-12 08:24 G | 6605490.74 | 6605490.85 | 6605490.97 | 0.3687 | 0.0224 |
| Mercury | 13374-08-26 23:31 G | 6606051.35 | 6606051.48 | 6606051.62 | 0.3684 | 0.0542 |
| Mercury | 13378-08-29 02:38 G | 6607514.50 | 6607514.61 | 6607514.71 | 0.3687 | 0.1501 |
| Mercury | 13380-03-12 00:00 G | 6608075.37 | 6608075.50 | 6608075.62 | 0.3683 | 0.1572 |
| Mercury | 13384-03-13 20:24 G | 6609538.28 | 6609538.35 | 6609538.42 | 0.3688 | 0.2757 |
| Mercury | 13413-02-04 23:16 G | 6620092.44 | 6620092.47 | 6620092.49 | 0.3686 | 0.3564 |
| Mercury | 13418-08-21 18:00 G | 6622116.16 | 6622116.25 | 6622116.34 | 0.3686 | 0.2133 |
| Mercury | 13424-03-06 12:28 G | 6624139.91 | 6624140.02 | 6624140.13 | 0.3687 | 0.0746 |
| Mercury | 13425-09-17 23:31 G | 6624700.37 | 6624700.48 | 6624700.59 | 0.3684 | 0.1914 |
| Mercury | 13429-09-20 06:43 G | 6626163.67 | 6626163.78 | 6626163.89 | 0.3687 | 0.0606 |
| Mercury | 13431-04-03 23:16 G | 6626724.34 | 6626724.47 | 6626724.61 | 0.3683 | 0.0163 |
| Mercury | 13435-04-06 00:43 G | 6628187.43 | 6628187.53 | 6628187.62 | 0.3688 | 0.1896 |
| Mercury | 13436-10-17 23:45 G | 6628748.39 | 6628748.49 | 6628748.60 | 0.3683 | 0.2225 |
| Mercury | 13440-10-19 18:28 G | 6630211.21 | 6630211.27 | 6630211.32 | 0.3688 | 0.3143 |
| Mercury | 13469-09-11 21:36 G | 6640765.34 | 6640765.40 | 6640765.46 | 0.3686 | 0.3118 |
| Mercury | 13475-03-28 16:19 G | 6642789.08 | 6642789.18 | 6642789.28 | 0.3686 | 0.1702 |
| Mercury | 13476-10-08 23:45 G | 6643349.43 | 6643349.49 | 6643349.55 | 0.3684 | 0.3243 |
| Mercury | 13480-10-11 10:33 G | 6644812.83 | 6644812.94 | 6644813.06 | 0.3687 | 0.0343 |
| Mercury | 13482-04-24 23:16 G | 6645373.35 | 6645373.47 | 6645373.59 | 0.3684 | 0.1313 |
| Mercury | 13486-04-27 04:48 G | 6646836.59 | 6646836.70 | 6646836.81 | 0.3687 | 0.1004 |
| Mercury | 13487-11-08 23:16 G | 6647397.34 | 6647397.47 | 6647397.60 | 0.3683 | 0.0733 |
| Mercury | 13491-11-10 22:48 G | 6648860.36 | 6648860.45 | 6648860.53 | 0.3688 | 0.2287 |
| Mercury | 13493-05-24 23:45 G | 6649421.41 | 6649421.49 | 6649421.57 | 0.3683 | 0.2893 |
| Mercury | 13497-05-26 16:33 G | 6650884.16 | 6650884.19 | 6650884.22 | 0.3688 | 0.3526 |
| Mercury | 13526-04-19 19:55 G | 6661438.25 | 6661438.33 | 6661438.41 | 0.3686 | 0.2676 |
| Mercury | 13531-11-03 14:24 G | 6663462.00 | 6663462.10 | 6663462.21 | 0.3687 | 0.1275 |
| Mercury | 13533-05-16 23:16 G | 6664022.38 | 6664022.47 | 6664022.56 | 0.3684 | 0.2670 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 13537-05-19 08:52 G | 6665485.76 | 6665485.87 | 6665485.98 | 0.3687 | 0.0112 |
| Mercury | 13538-11-30 22:48 G | 6666046.32 | 6666046.45 | 6666046.58 | 0.3684 | 0.0712 |
| Mercury | 13542-12-03 02:52 G | 6667509.52 | 6667509.62 | 6667509.72 | 0.3688 | 0.1403 |
| Mercury | 13544-06-15 23:02 G | 6668070.33 | 6668070.46 | 6668070.58 | 0.3683 | 0.1361 |
| Mercury | 13548-06-17 20:52 G | 6669533.29 | 6669533.37 | 6669533.44 | 0.3688 | 0.2677 |
| Mercury | 13549-12-30 23:45 G | 6670094.46 | 6670094.49 | 6670094.52 | 0.3683 | 0.3566 |
| Mercury | 13577-05-10 23:31 G | 6680087.48 | 6680087.48 | 6680087.48 | 0.3686 | 0.3680 |
| Mercury | 13582-11-24 18:14 G | 6682111.17 | 6682111.26 | 6682111.35 | 0.3686 | 0.2241 |
| Mercury | 13588-06-09 12:43 G | 6684134.92 | 6684135.03 | 6684135.14 | 0.3687 | 0.0842 |
| Mercury | 13589-12-21 22:48 G | 6684695.34 | 6684695.45 | 6684695.56 | 0.3684 | 0.2084 |
| Mercury | 13593-12-24 06:57 G | 6686158.68 | 6686158.79 | 6686158.90 | 0.3687 | 0.0496 |
| Mercury | 13595-07-07 22:33 G | 6686719.31 | 6686719.44 | 6686719.57 | 0.3683 | 0.0106 |
| Mercury | 13599-07-10 00:57 G | 6688182.44 | 6688182.54 | 6688182.64 | 0.3688 | 0.1803 |
| Mercury | 13601-01-20 22:48 G | 6688743.34 | 6688743.45 | 6688743.56 | 0.3683 | 0.2015 |
| Mercury | 13605-01-22 18:43 G | 6690206.22 | 6690206.28 | 6690206.34 | 0.3688 | 0.3053 |
| Mercury | 13633-12-15 21:50 G | 6700760.35 | 6700760.41 | 6700760.46 | 0.3686 | 0.3241 |
| Mercury | 13639-07-01 16:33 G | 6702784.09 | 6702784.19 | 6702784.29 | 0.3687 | 0.1805 |
| Mercury | 13641-01-11 23:02 G | 6703344.41 | 6703344.46 | 6703344.51 | 0.3685 | 0.3409 |
| Mercury | 13645-01-14 10:48 G | 6704807.84 | 6704807.95 | 6704808.07 | 0.3687 | 0.0446 |
| Mercury | 13646-07-28 22:19 G | 6705368.31 | 6705368.43 | 6705368.55 | 0.3684 | 0.1501 |
| Mercury | 13650-07-31 05:02 G | 6706831.60 | 6706831.71 | 6706831.82 | 0.3688 | 0.0907 |
| Mercury | 13652-02-11 22:19 G | 6707392.30 | 6707392.43 | 6707392.56 | 0.3683 | 0.0524 |
| Mercury | 13656-02-13 23:02 G | 6708855.37 | 6708855.46 | 6708855.55 | 0.3688 | 0.2191 |
| Mercury | 13657-08-27 22:48 G | 6709416.36 | 6709416.45 | 6709416.54 | 0.3683 | 0.2668 |
| Mercury | 13661-08-29 16:48 G | 6710879.16 | 6710879.20 | 6710879.24 | 0.3688 | 0.3434 |
| Mercury | 13690-07-22 20:09 G | 6721433.26 | 6721433.34 | 6721433.41 | 0.3686 | 0.2798 |
| Mercury | 13696-02-05 14:38 G | 6723457.01 | 6723457.11 | 6723457.22 | 0.3687 | 0.1383 |
| Mercury | 13697-08-18 22:33 G | 6724017.36 | 6724017.44 | 6724017.52 | 0.3684 | 0.2846 |
| Mercury | 13701-08-22 09:07 G | 6725480.76 | 6725480.88 | 6725480.99 | 0.3687 | 0.0072 |
| Mercury | 13703-03-05 22:04 G | 6726041.29 | 6726041.42 | 6726041.55 | 0.3684 | 0.0898 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 13707-03-08 03:07 G | 6727504.53 | 6727504.63 | 6727504.74 | 0.3688 | 0.1315 |
| Mercury | 13708-09-18 22:04 G | 6728065.30 | 6728065.42 | 6728065.55 | 0.3683 | 0.1163 |
| Mercury | 13712-09-20 21:07 G | 6729528.30 | 6729528.38 | 6729528.46 | 0.3688 | 0.2582 |
| Mercury | 13714-04-04 22:48 G | 6730089.39 | 6730089.45 | 6730089.50 | 0.3682 | 0.3338 |
| Mercury | 13747-02-27 18:28 G | 6742106.18 | 6742106.27 | 6742106.36 | 0.3686 | 0.2356 |
| Mercury | 13752-09-12 12:57 G | 6744129.93 | 6744130.04 | 6744130.15 | 0.3687 | 0.0954 |
| Mercury | 13754-03-26 22:04 G | 6744690.32 | 6744690.42 | 6744690.52 | 0.3684 | 0.2260 |
| Mercury | 13758-03-29 07:12 G | 6746153.69 | 6746153.80 | 6746153.92 | 0.3687 | 0.0415 |
| Mercury | 13759-10-10 21:50 G | 6746714.28 | 6746714.41 | 6746714.54 | 0.3683 | 0.0288 |
| Mercury | 13763-10-13 01:26 G | 6748177.46 | 6748177.56 | 6748177.66 | 0.3688 | 0.1711 |
| Mercury | 13765-04-25 22:04 G | 6748738.30 | 6748738.42 | 6748738.53 | 0.3683 | 0.1812 |
| Mercury | 13769-04-27 19:12 G | 6750201.24 | 6750201.30 | 6750201.36 | 0.3688 | 0.2971 |
| Mercury | 13798-03-20 21:50 G | 6760755.37 | 6760755.41 | 6760755.46 | 0.3686 | 0.3359 |
| Mercury | 13803-10-05 16:48 G | 6762779.10 | 6762779.20 | 6762779.29 | 0.3686 | 0.1919 |
| Mercury | 13805-04-17 22:19 G | 6763339.41 | 6763339.43 | 6763339.46 | 0.3684 | 0.3570 |
| Mercury | 13809-04-20 11:16 G | 6764802.85 | 6764802.97 | 6764803.08 | 0.3687 | 0.0545 |
| Mercury | 13810-11-01 21:36 G | 6765363.29 | 6765363.40 | 6765363.52 | 0.3684 | 0.1674 |
| Mercury | 13814-11-04 05:31 G | 6766826.62 | 6766826.73 | 6766826.84 | 0.3688 | 0.0817 |
| Mercury | 13816-05-17 21:36 G | 6767387.27 | 6767387.40 | 6767387.53 | 0.3683 | 0.0348 |
| Mercury | 13820-05-19 23:31 G | 6768850.39 | 6768850.48 | 6768850.57 | 0.3688 | 0.2107 |
| Mercury | 13821-12-01 21:50 G | 6769411.31 | 6769411.41 | 6769411.51 | 0.3682 | 0.2466 |
| Mercury | 13825-12-03 17:16 G | 6770874.18 | 6770874.22 | 6770874.26 | 0.3689 | 0.3354 |
| Mercury | 13854-10-26 20:24 G | 6781428.28 | 6781428.35 | 6781428.42 | 0.3686 | 0.2907 |
| Mercury | 13860-05-11 15:07 G | 6783452.02 | 6783452.13 | 6783452.23 | 0.3687 | 0.1491 |
| Mercury | 13861-11-22 21:50 G | 6784012.34 | 6784012.41 | 6784012.49 | 0.3684 | 0.3002 |
| Mercury | 13865-11-25 09:21 G | 6785475.78 | 6785475.89 | 6785476.01 | 0.3687 | 0.0133 |
| Mercury | 13867-06-08 21:21 G | 6786036.26 | 6786036.39 | 6786036.51 | 0.3684 | 0.1077 |
| Mercury | 13871-06-11 03:36 G | 6787499.54 | 6787499.65 | 6787499.76 | 0.3688 | 0.1219 |
| Mercury | 13872-12-22 21:21 G | 6788060.26 | 6788060.39 | 6788060.52 | 0.3683 | 0.0973 |
| Mercury | 13876-12-24 21:36 G | 6789523.32 | 6789523.40 | 6789523.48 | 0.3688 | 0.2495 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 13878-07-08 21:50 G | 6790084.34 | 6790084.41 | 6790084.48 | 0.3682 | 0.3118 |
| Mercury | 13911-06-03 18:43 G | 6802101.19 | 6802101.28 | 6802101.36 | 0.3686 | 0.2462 |
| Mercury | 13916-12-17 13:12 G | 6804124.94 | 6804125.05 | 6804125.16 | 0.3687 | 0.1062 |
| Mercury | 13918-06-30 21:21 G | 6804685.30 | 6804685.39 | 6804685.49 | 0.3684 | 0.2433 |
| Mercury | 13922-07-03 07:40 G | 6806148.70 | 6806148.82 | 6806148.93 | 0.3688 | 0.0320 |
| Mercury | 13924-01-14 20:52 G | 6806709.24 | 6806709.37 | 6806709.50 | 0.3683 | 0.0486 |
| Mercury | 13928-01-17 01:40 G | 6808172.47 | 6808172.57 | 6808172.67 | 0.3688 | 0.1611 |
| Mercury | 13929-07-30 21:07 G | 6808733.26 | 6808733.38 | 6808733.50 | 0.3683 | 0.1601 |
| Mercury | 13933-08-01 19:40 G | 6810196.25 | 6810196.32 | 6810196.38 | 0.3689 | 0.2886 |
| Mercury | 13962-06-24 22:04 G | 6820750.39 | 6820750.42 | 6820750.46 | 0.3686 | 0.3472 |
| Mercury | 13968-01-08 16:48 G | 6822774.11 | 6822774.20 | 6822774.30 | 0.3687 | 0.2038 |
| Mercury | 13973-07-24 11:31 G | 6824797.87 | 6824797.98 | 6824798.09 | 0.3687 | 0.0643 |
| Mercury | 13975-02-04 20:52 G | 6825358.26 | 6825358.37 | 6825358.49 | 0.3684 | 0.1853 |
| Mercury | 13979-02-07 05:45 G | 6826821.63 | 6826821.74 | 6826821.85 | 0.3688 | 0.0711 |
| Mercury | 13980-08-20 20:38 G | 6827382.23 | 6827382.36 | 6827382.49 | 0.3683 | 0.0150 |
| Mercury | 13984-08-22 23:45 G | 6828845.40 | 6828845.49 | 6828845.58 | 0.3688 | 0.2009 |
| Mercury | 13986-03-06 20:52 G | 6829406.27 | 6829406.37 | 6829406.48 | 0.3682 | 0.2250 |
| Mercury | 13990-03-08 17:31 G | 6830869.19 | 6830869.23 | 6830869.28 | 0.3689 | 0.3270 |

15TH MILLENNIUM CE

This is a list of transits visible from Venus in the 15th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 14019-01-29 20:24 G | | 6841423.29 | 6841423.35 | 6841423.42 | 0.3686 | 0.3030 | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 14024-08-14 15:07 G | 6843447.03 | 6843447.13 | 6843447.24 | 0.3687 | 0.1603 |
| Mercury | 14026-02-25 21:21 G | 6844007.32 | 6844007.39 | 6844007.45 | 0.3684 | 0.3169 |
| Mercury | 14030-02-28 09:36 G | 6845470.79 | 6845470.90 | 6845471.02 | 0.3687 | 0.0239 |
| Mercury | 14031-09-11 20:38 G | 6846031.23 | 6846031.36 | 6846031.48 | 0.3683 | 0.1260 |
| Mercury | 14035-09-14 03:50 G | 6847494.55 | 6847494.66 | 6847494.77 | 0.3688 | 0.1118 |
| Mercury | 14037-03-27 20:24 G | 6848055.22 | 6848055.35 | 6848055.48 | 0.3683 | 0.0771 |
| Mercury | 14041-03-29 21:50 G | 6849518.33 | 6849518.41 | 6849518.50 | 0.3688 | 0.2407 |
| Mercury | 14042-10-11 20:52 G | 6850079.29 | 6850079.37 | 6850079.45 | 0.3682 | 0.2911 |
| Mercury | 14046-10-13 15:36 G | 6851542.14 | 6851542.15 | 6851542.16 | 0.3689 | 0.3651 |
| Mercury | 14075-09-05 18:43 G | 6862096.20 | 6862096.28 | 6862096.36 | 0.3686 | 0.2586 |
| Mercury | 14081-03-21 13:26 G | 6864119.95 | 6864120.06 | 6864120.17 | 0.3687 | 0.1168 |
| Mercury | 14082-10-02 20:52 G | 6864680.28 | 6864680.37 | 6864680.46 | 0.3684 | 0.2594 |
| Mercury | 14086-10-05 07:55 G | 6866143.72 | 6866143.83 | 6866143.94 | 0.3687 | 0.0211 |
| Mercury | 14088-04-17 20:09 G | 6866704.21 | 6866704.34 | 6866704.47 | 0.3683 | 0.0661 |
| Mercury | 14092-04-20 01:55 G | 6868167.48 | 6868167.58 | 6868167.69 | 0.3688 | 0.1529 |
| Mercury | 14093-11-01 20:09 G | 6868728.22 | 6868728.34 | 6868728.47 | 0.3683 | 0.1412 |
| Mercury | 14097-11-03 19:55 G | 6870191.26 | 6870191.33 | 6870191.40 | 0.3689 | 0.2802 |
| Mercury | 14099-05-18 20:52 G | 6870752.34 | 6870752.37 | 6870752.40 | 0.3682 | 0.3586 |
| Mercury | 14126-09-27 22:19 G | 6880745.41 | 6880745.43 | 6880745.45 | 0.3686 | 0.3593 |
| Mercury | 14132-04-12 17:02 G | 6882769.12 | 6882769.21 | 6882769.31 | 0.3687 | 0.2146 |
| Mercury | 14137-10-27 11:45 G | 6884792.88 | 6884792.99 | 6884793.10 | 0.3687 | 0.0736 |
| Mercury | 14139-05-10 20:24 G | 6885353.24 | 6885353.35 | 6885353.46 | 0.3684 | 0.2011 |
| Mercury | 14143-05-13 06:00 G | 6886816.64 | 6886816.75 | 6886816.86 | 0.3688 | 0.0624 |
| Mercury | 14144-11-23 19:55 G | 6887377.20 | 6887377.33 | 6887377.46 | 0.3683 | 0.0069 |
| Mercury | 14148-11-26 00:14 G | 6888840.41 | 6888840.51 | 6888840.60 | 0.3688 | 0.1928 |
| Mercury | 14150-06-09 20:09 G | 6889401.23 | 6889401.34 | 6889401.45 | 0.3682 | 0.2051 |
| Mercury | 14154-06-11 18:00 G | 6890864.20 | 6890864.25 | 6890864.31 | 0.3689 | 0.3189 |
| Mercury | 14183-05-04 20:38 G | 6901418.30 | 6901418.36 | 6901418.42 | 0.3686 | 0.3142 |
| Mercury | 14188-11-17 15:21 G | 6903442.04 | 6903442.14 | 6903442.25 | 0.3687 | 0.1708 |
| Mercury | 14190-05-31 20:38 G | 6904002.31 | 6904002.36 | 6904002.41 | 0.3684 | 0.3323 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 14194-06-03 10:04 G | 6905465.80 | 6905465.92 | 6905466.03 | 0.3687 | 0.0338 |
| Mercury | 14195-12-15 19:55 G | 6906026.21 | 6906026.33 | 6906026.45 | 0.3683 | 0.1426 |
| Mercury | 14199-12-18 04:19 G | 6907489.57 | 6907489.68 | 6907489.78 | 0.3688 | 0.1034 |
| Mercury | 14201-07-01 19:40 G | 6908050.19 | 6908050.32 | 6908050.45 | 0.3683 | 0.0580 |
| Mercury | 14205-07-03 22:19 G | 6909513.34 | 6909513.43 | 6909513.51 | 0.3689 | 0.2325 |
| Mercury | 14207-01-15 19:55 G | 6910074.24 | 6910074.33 | 6910074.42 | 0.3682 | 0.2705 |
| Mercury | 14211-01-17 16:04 G | 6911537.14 | 6911537.17 | 6911537.19 | 0.3689 | 0.3565 |
| Mercury | 14239-12-10 18:57 G | 6922091.22 | 6922091.29 | 6922091.37 | 0.3687 | 0.2700 |
| Mercury | 14245-06-25 13:40 G | 6924114.97 | 6924115.07 | 6924115.18 | 0.3687 | 0.1272 |
| Mercury | 14247-01-06 20:09 G | 6924675.26 | 6924675.34 | 6924675.42 | 0.3684 | 0.2755 |
| Mercury | 14251-01-09 08:09 G | 6926138.73 | 6926138.84 | 6926138.95 | 0.3688 | 0.0104 |
| Mercury | 14252-07-22 19:26 G | 6926699.18 | 6926699.31 | 6926699.44 | 0.3683 | 0.0836 |
| Mercury | 14256-07-25 02:24 G | 6928162.50 | 6928162.60 | 6928162.70 | 0.3688 | 0.1432 |
| Mercury | 14258-02-05 19:26 G | 6928723.18 | 6928723.31 | 6928723.43 | 0.3683 | 0.1206 |
| Mercury | 14262-02-07 20:24 G | 6930186.27 | 6930186.35 | 6930186.42 | 0.3689 | 0.2711 |
| Mercury | 14263-08-22 19:55 G | 6930747.27 | 6930747.33 | 6930747.38 | 0.3682 | 0.3362 |
| Mercury | 14296-07-16 17:16 G | 6942764.13 | 6942764.22 | 6942764.31 | 0.3687 | 0.2256 |
| Mercury | 14302-01-31 12:00 G | 6944787.89 | 6944788.00 | 6944788.11 | 0.3687 | 0.0850 |
| Mercury | 14303-08-14 19:40 G | 6945348.21 | 6945348.32 | 6945348.42 | 0.3683 | 0.2192 |
| Mercury | 14307-08-17 06:14 G | 6946811.65 | 6946811.76 | 6946811.88 | 0.3688 | 0.0522 |
| Mercury | 14309-02-27 19:12 G | 6947372.17 | 6947372.30 | 6947372.43 | 0.3683 | 0.0240 |
| Mercury | 14313-03-02 00:28 G | 6948835.42 | 6948835.52 | 6948835.62 | 0.3688 | 0.1830 |
| Mercury | 14314-09-13 19:12 G | 6949396.18 | 6949396.30 | 6949396.41 | 0.3682 | 0.1842 |
| Mercury | 14318-09-15 18:28 G | 6950859.21 | 6950859.27 | 6950859.32 | 0.3689 | 0.3102 |
| Mercury | 14347-08-08 20:52 G | 6961413.32 | 6961413.37 | 6961413.42 | 0.3687 | 0.3267 |
| Mercury | 14353-02-21 15:36 G | 6963437.05 | 6963437.15 | 6963437.25 | 0.3687 | 0.1819 |
| Mercury | 14354-09-04 20:09 G | 6963997.30 | 6963997.34 | 6963997.37 | 0.3684 | 0.3487 |
| Mercury | 14358-09-07 10:04 G | 6965460.81 | 6965460.92 | 6965461.04 | 0.3688 | 0.0444 |
| Mercury | 14360-03-20 19:12 G | 6966021.18 | 6966021.30 | 6966021.42 | 0.3683 | 0.1601 |
| Mercury | 14364-03-23 04:33 G | 6967484.58 | 6967484.69 | 6967484.80 | 0.3688 | 0.0930 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 14365-10-04 18:57 G | 6968045.16 | 6968045.29 | 6968045.42 | 0.3683 | 0.0406 |
| Mercury | 14369-10-06 22:33 G | 6969508.35 | 6969508.44 | 6969508.53 | 0.3688 | 0.2232 |
| Mercury | 14371-04-20 18:57 G | 6970069.20 | 6970069.29 | 6970069.39 | 0.3682 | 0.2503 |
| Mercury | 14375-04-22 16:33 G | 6971532.15 | 6971532.19 | 6971532.22 | 0.3689 | 0.3491 |
| Mercury | 14404-03-14 19:12 G | 6982086.23 | 6982086.30 | 6982086.37 | 0.3687 | 0.2815 |
| Mercury | 14409-09-28 13:55 G | 6984109.98 | 6984110.08 | 6984110.19 | 0.3687 | 0.1381 |
| Mercury | 14411-04-11 19:26 G | 6984670.24 | 6984670.31 | 6984670.39 | 0.3683 | 0.2922 |
| Mercury | 14415-04-14 08:24 G | 6986133.74 | 6986133.85 | 6986133.96 | 0.3688 | 0.0033 |
| Mercury | 14416-10-25 18:43 G | 6986694.16 | 6986694.28 | 6986694.41 | 0.3683 | 0.1008 |
| Mercury | 14420-10-28 02:38 G | 6988157.51 | 6988157.61 | 6988157.72 | 0.3688 | 0.1342 |
| Mercury | 14422-05-11 18:43 G | 6988718.15 | 6988718.28 | 6988718.40 | 0.3682 | 0.1027 |
| Mercury | 14426-05-13 20:38 G | 6990181.28 | 6990181.36 | 6990181.44 | 0.3689 | 0.2628 |
| Mercury | 14427-11-25 18:57 G | 6990742.22 | 6990742.29 | 6990742.36 | 0.3682 | 0.3159 |
| Mercury | 14460-10-19 17:31 G | 7002759.14 | 7002759.23 | 7002759.32 | 0.3687 | 0.2368 |
| Mercury | 14466-05-05 12:14 G | 7004782.90 | 7004783.01 | 7004783.12 | 0.3687 | 0.0948 |
| Mercury | 14467-11-16 18:57 G | 7005343.19 | 7005343.29 | 7005343.39 | 0.3683 | 0.2348 |
| Mercury | 14471-11-19 06:43 G | 7006806.66 | 7006806.78 | 7006806.89 | 0.3688 | 0.0431 |
| Mercury | 14473-06-01 18:28 G | 7007367.14 | 7007367.27 | 7007367.40 | 0.3683 | 0.0402 |
| Mercury | 14477-06-04 00:57 G | 7008830.44 | 7008830.54 | 7008830.63 | 0.3688 | 0.1751 |
| Mercury | 14478-12-16 18:28 G | 7009391.15 | 7009391.27 | 7009391.38 | 0.3682 | 0.1660 |
| Mercury | 14482-12-18 18:43 G | 7010854.22 | 7010854.28 | 7010854.34 | 0.3689 | 0.3019 |
| Mercury | 14511-11-11 21:07 G | 7021408.33 | 7021408.38 | 7021408.42 | 0.3687 | 0.3381 |
| Mercury | 14517-05-27 15:50 G | 7023432.07 | 7023432.16 | 7023432.26 | 0.3687 | 0.1925 |
| Mercury | 14518-12-08 19:26 G | 7023992.30 | 7023992.31 | 7023992.33 | 0.3684 | 0.3634 |
| Mercury | 14522-12-11 10:33 G | 7025455.82 | 7025455.94 | 7025456.05 | 0.3688 | 0.0532 |
| Mercury | 14524-06-23 18:28 G | 7026016.16 | 7026016.27 | 7026016.39 | 0.3683 | 0.1772 |
| Mercury | 14528-06-26 04:48 G | 7027479.59 | 7027479.70 | 7027479.81 | 0.3688 | 0.0844 |
| Mercury | 14530-01-07 18:00 G | 7028040.12 | 7028040.25 | 7028040.39 | 0.3683 | 0.0242 |
| Mercury | 14534-01-09 22:48 G | 7029503.36 | 7029503.45 | 7029503.55 | 0.3689 | 0.2143 |
| Mercury | 14535-07-24 18:14 G | 7030064.15 | 7030064.26 | 7030064.36 | 0.3682 | 0.2295 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 14539-07-26 16:48 G | 7031527.16 | 7031527.20 | 7031527.24 | 0.3689 | 0.3408 |
| Mercury | 14568-06-17 19:26 G | 7042081.24 | 7042081.31 | 7042081.38 | 0.3687 | 0.2926 |
| Mercury | 14574-01-01 14:09 G | 7044104.98 | 7044105.09 | 7044105.19 | 0.3687 | 0.1494 |
| Mercury | 14575-07-15 18:57 G | 7044665.22 | 7044665.29 | 7044665.35 | 0.3684 | 0.3086 |
| Mercury | 14579-07-18 08:38 G | 7046128.75 | 7046128.86 | 7046128.98 | 0.3688 | 0.0130 |
| Mercury | 14581-01-28 18:00 G | 7046689.13 | 7046689.25 | 7046689.38 | 0.3683 | 0.1185 |
| Mercury | 14585-01-31 02:52 G | 7048152.52 | 7048152.62 | 7048152.73 | 0.3688 | 0.1245 |
| Mercury | 14586-08-14 17:45 G | 7048713.11 | 7048713.24 | 7048713.37 | 0.3682 | 0.0822 |
| Mercury | 14590-08-16 21:07 G | 7050176.30 | 7050176.38 | 7050176.46 | 0.3689 | 0.2541 |
| Mercury | 14592-02-28 18:00 G | 7050737.17 | 7050737.25 | 7050737.33 | 0.3682 | 0.2946 |
| Mercury | 14625-01-23 17:45 G | 7062754.15 | 7062754.24 | 7062754.32 | 0.3687 | 0.2488 |
| Mercury | 14630-08-09 12:28 G | 7064777.91 | 7064778.02 | 7064778.13 | 0.3688 | 0.1060 |
| Mercury | 14632-02-20 18:28 G | 7065338.17 | 7065338.27 | 7065338.36 | 0.3683 | 0.2515 |
| Mercury | 14636-02-23 06:57 G | 7066801.67 | 7066801.79 | 7066801.90 | 0.3688 | 0.0327 |
| Mercury | 14637-09-05 17:45 G | 7067362.11 | 7067362.24 | 7067362.37 | 0.3683 | 0.0594 |
| Mercury | 14641-09-08 01:12 G | 7068825.45 | 7068825.55 | 7068825.65 | 0.3689 | 0.1652 |
| Mercury | 14643-03-22 17:31 G | 7069386.11 | 7069386.23 | 7069386.35 | 0.3682 | 0.1459 |
| Mercury | 14647-03-24 19:12 G | 7070849.23 | 7070849.30 | 7070849.36 | 0.3689 | 0.2934 |
| Mercury | 14648-10-05 18:00 G | 7071410.22 | 7071410.25 | 7071410.27 | 0.3682 | 0.3613 |
| Mercury | 14676-02-14 21:07 G | 7081403.35 | 7081403.38 | 7081403.41 | 0.3687 | 0.3506 |
| Mercury | 14681-08-30 16:04 G | 7083427.07 | 7083427.17 | 7083427.26 | 0.3687 | 0.2044 |
| Mercury | 14687-03-16 10:48 G | 7085450.83 | 7085450.95 | 7085451.06 | 0.3688 | 0.0640 |
| Mercury | 14688-09-26 17:45 G | 7086011.14 | 7086011.24 | 7086011.35 | 0.3683 | 0.1941 |
| Mercury | 14692-09-29 05:02 G | 7087474.60 | 7087474.71 | 7087474.82 | 0.3688 | 0.0740 |
| Mercury | 14694-04-12 17:16 G | 7088035.09 | 7088035.22 | 7088035.35 | 0.3682 | 0.0038 |
| Mercury | 14698-04-14 23:16 G | 7089498.38 | 7089498.47 | 7089498.56 | 0.3689 | 0.2054 |
| Mercury | 14699-10-27 17:16 G | 7090059.11 | 7090059.22 | 7090059.33 | 0.3682 | 0.2103 |
| Mercury | 14703-10-30 17:16 G | 7091522.17 | 7091522.22 | 7091522.26 | 0.3689 | 0.3327 |
| Mercury | 14732-09-21 19:26 G | 7102076.25 | 7102076.31 | 7102076.38 | 0.3687 | 0.3052 |
| Mercury | 14738-04-07 14:24 G | 7104100.00 | 7104100.10 | 7104100.20 | 0.3687 | 0.1599 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 14739-10-19 18:28 G | 7104660.21 | 7104660.27 | 7104660.32 | 0.3683 | 0.3231 |
| Mercury | 14743-10-22 08:52 G | 7106123.76 | 7106123.87 | 7106123.99 | 0.3688 | 0.0233 |
| Mercury | 14745-05-04 17:31 G | 7106684.11 | 7106684.23 | 7106684.35 | 0.3683 | 0.1350 |
| Mercury | 14749-05-07 03:21 G | 7108147.53 | 7108147.64 | 7108147.74 | 0.3688 | 0.1156 |
| Mercury | 14750-11-18 17:02 G | 7108708.08 | 7108708.21 | 7108708.34 | 0.3682 | 0.0647 |
| Mercury | 14754-11-20 21:21 G | 7110171.31 | 7110171.39 | 7110171.48 | 0.3689 | 0.2459 |
| Mercury | 14756-06-03 17:16 G | 7110732.13 | 7110732.22 | 7110732.30 | 0.3682 | 0.2755 |
| Mercury | 14789-04-28 18:00 G | 7122749.17 | 7122749.25 | 7122749.33 | 0.3687 | 0.2599 |
| Mercury | 14794-11-12 12:43 G | 7124772.92 | 7124773.03 | 7124773.14 | 0.3688 | 0.1160 |
| Mercury | 14796-05-25 17:45 G | 7125333.16 | 7125333.24 | 7125333.33 | 0.3683 | 0.2665 |
| Mercury | 14800-05-28 07:12 G | 7126796.69 | 7126796.80 | 7126796.91 | 0.3688 | 0.0227 |
| Mercury | 14801-12-09 17:02 G | 7127357.08 | 7127357.21 | 7127357.34 | 0.3683 | 0.0754 |
| Mercury | 14805-12-12 01:26 G | 7128820.46 | 7128820.56 | 7128820.66 | 0.3689 | 0.1563 |
| Mercury | 14807-06-25 16:48 G | 7129381.07 | 7129381.20 | 7129381.32 | 0.3682 | 0.1272 |
| Mercury | 14811-06-27 19:26 G | 7130844.24 | 7130844.31 | 7130844.38 | 0.3689 | 0.2858 |
| Mercury | 14813-01-08 17:02 G | 7131405.16 | 7131405.21 | 7131405.26 | 0.3682 | 0.3412 |
| Mercury | 14840-05-19 21:21 G | 7141398.37 | 7141398.39 | 7141398.40 | 0.3687 | 0.3623 |
| Mercury | 14845-12-03 16:19 G | 7143422.08 | 7143422.18 | 7143422.27 | 0.3687 | 0.2150 |
| Mercury | 14851-06-19 11:02 G | 7145445.85 | 7145445.96 | 7145446.07 | 0.3688 | 0.0728 |
| Mercury | 14852-12-30 17:16 G | 7146006.11 | 7146006.22 | 7146006.33 | 0.3683 | 0.2093 |
| Mercury | 14857-01-02 05:16 G | 7147469.61 | 7147469.72 | 7147469.84 | 0.3688 | 0.0654 |
| Mercury | 14858-07-16 16:33 G | 7148030.06 | 7148030.19 | 7148030.32 | 0.3683 | 0.0158 |
| Mercury | 14862-07-18 23:31 G | 7149493.39 | 7149493.48 | 7149493.58 | 0.3689 | 0.1976 |
| Mercury | 14864-01-30 16:33 G | 7150054.07 | 7150054.19 | 7150054.30 | 0.3682 | 0.1908 |
| Mercury | 14868-02-01 17:31 G | 7151517.18 | 7151517.23 | 7151517.28 | 0.3689 | 0.3241 |
| Mercury | 14896-12-24 19:40 G | 7162071.26 | 7162071.32 | 7162071.38 | 0.3687 | 0.3169 |
| Mercury | 14902-07-11 14:38 G | 7164095.01 | 7164095.11 | 7164095.21 | 0.3688 | 0.1705 |
| Mercury | 14904-01-22 17:45 G | 7164655.19 | 7164655.24 | 7164655.29 | 0.3683 | 0.3383 |
| Mercury | 14908-01-25 09:07 G | 7166118.77 | 7166118.88 | 7166119.00 | 0.3688 | 0.0315 |
| Mercury | 14909-08-07 16:48 G | 7166679.08 | 7166679.20 | 7166679.31 | 0.3683 | 0.1526 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 14913-08-10 03:36 G | 7168142.54 | 7168142.65 | 7168142.76 | 0.3689 | 0.1057 |
| Mercury | 14915-02-21 16:19 G | 7168703.05 | 7168703.18 | 7168703.31 | 0.3682 | 0.0469 |
| Mercury | 14919-02-23 21:36 G | 7170166.32 | 7170166.40 | 7170166.49 | 0.3689 | 0.2370 |
| Mercury | 14920-09-06 16:19 G | 7170727.08 | 7170727.18 | 7170727.27 | 0.3682 | 0.2544 |
| Mercury | 14924-09-08 15:36 G | 7172190.13 | 7172190.15 | 7172190.17 | 0.3690 | 0.3629 |
| Mercury | 14953-08-01 18:00 G | 7182744.18 | 7182744.25 | 7182744.33 | 0.3687 | 0.2716 |
| Mercury | 14959-02-15 12:57 G | 7184767.93 | 7184768.04 | 7184768.14 | 0.3688 | 0.1281 |
| Mercury | 14960-08-28 17:16 G | 7185328.13 | 7185328.22 | 7185328.30 | 0.3683 | 0.2834 |
| Mercury | 14964-08-31 07:26 G | 7186791.69 | 7186791.81 | 7186791.92 | 0.3688 | 0.0129 |
| Mercury | 14966-03-14 16:19 G | 7187352.05 | 7187352.18 | 7187352.30 | 0.3683 | 0.0932 |
| Mercury | 14970-03-17 01:40 G | 7188815.47 | 7188815.57 | 7188815.68 | 0.3689 | 0.1471 |
| Mercury | 14971-09-28 15:50 G | 7189376.04 | 7189376.16 | 7189376.29 | 0.3682 | 0.1085 |
| Mercury | 14975-09-30 19:55 G | 7190839.25 | 7190839.33 | 7190839.40 | 0.3689 | 0.2769 |
| Mercury | 14977-04-13 16:04 G | 7191400.11 | 7191400.17 | 7191400.23 | 0.3681 | 0.3204 |

16TH MILLENNIUM CE

This is a list of transits visible from Venus in the 16th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|------------|------------|------------|--------|--------|-------|---|
| Mercury | 15010-03-09 16:19 G | 7203417.09 | 7203417.18 | 7203417.27 | 0.3687 | 0.2270 | | |
| Mercury | 15015-09-23 11:16 G | 7205440.85 | 7205440.97 | 7205441.08 | 0.3688 | 0.0849 | | |
| Mercury | 15017-04-05 16:33 G | 7206001.09 | 7206001.19 | 7206001.29 | 0.3683 | 0.2262 | | |
| Mercury | 15021-04-08 05:45 G | 7207464.62 | 7207464.74 | 7207464.85 | 0.3688 | 0.0559 | | |
| Mercury | 15022-10-20 15:50 G | 7208025.03 | 7208025.16 | 7208025.29 | 0.3682 | 0.0335 | | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 15026-10-23 00:00 G | 7209488.40 | 7209488.50 | 7209488.59 | 0.3689 | 0.1882 |
| Mercury | 15028-05-05 15:36 G | 7210049.04 | 7210049.15 | 7210049.27 | 0.3682 | 0.1719 |
| Mercury | 15032-05-07 18:00 G | 7211512.19 | 7211512.25 | 7211512.30 | 0.3689 | 0.3165 |
| Mercury | 15061-03-30 19:55 G | 7222066.28 | 7222066.33 | 7222066.38 | 0.3687 | 0.3289 |
| Mercury | 15066-10-14 14:52 G | 7224090.02 | 7224090.12 | 7224090.22 | 0.3688 | 0.1824 |
| Mercury | 15068-04-26 17:16 G | 7224650.19 | 7224650.22 | 7224650.25 | 0.3683 | 0.3534 |
| Mercury | 15072-04-29 09:21 G | 7226113.78 | 7226113.89 | 7226114.01 | 0.3688 | 0.0412 |
| Mercury | 15073-11-10 16:04 G | 7226674.06 | 7226674.17 | 7226674.29 | 0.3683 | 0.1680 |
| Mercury | 15077-11-13 03:50 G | 7228137.55 | 7228137.66 | 7228137.77 | 0.3689 | 0.0969 |
| Mercury | 15079-05-27 15:36 G | 7228698.02 | 7228698.15 | 7228698.28 | 0.3682 | 0.0292 |
| Mercury | 15083-05-29 22:04 G | 7230161.33 | 7230161.42 | 7230161.51 | 0.3689 | 0.2286 |
| Mercury | 15084-12-10 15:21 G | 7230722.04 | 7230722.14 | 7230722.24 | 0.3682 | 0.2361 |
| Mercury | 15088-12-12 16:04 G | 7232185.14 | 7232185.17 | 7232185.19 | 0.3690 | 0.3559 |
| Mercury | 15117-11-05 18:14 G | 7242739.19 | 7242739.26 | 7242739.33 | 0.3687 | 0.2827 |
| Mercury | 15123-05-22 13:12 G | 7244762.94 | 7244763.05 | 7244763.15 | 0.3688 | 0.1380 |
| Mercury | 15124-12-02 16:33 G | 7245323.12 | 7245323.19 | 7245323.27 | 0.3683 | 0.2979 |
| Mercury | 15128-12-05 07:40 G | 7246786.71 | 7246786.82 | 7246786.94 | 0.3688 | 0.0066 |
| Mercury | 15130-06-18 15:36 G | 7247347.03 | 7247347.15 | 7247347.28 | 0.3683 | 0.1094 |
| Mercury | 15134-06-21 02:09 G | 7248810.48 | 7248810.59 | 7248810.69 | 0.3689 | 0.1387 |
| Mercury | 15136-01-02 15:07 G | 7249371.01 | 7249371.13 | 7249371.26 | 0.3682 | 0.0914 |
| Mercury | 15140-01-04 20:09 G | 7250834.27 | 7250834.34 | 7250834.42 | 0.3689 | 0.2683 |
| Mercury | 15141-07-18 15:07 G | 7251395.06 | 7251395.13 | 7251395.21 | 0.3681 | 0.3007 |
| Mercury | 15174-06-12 16:33 G | 7263412.11 | 7263412.19 | 7263412.28 | 0.3688 | 0.2376 |
| Mercury | 15179-12-27 11:16 G | 7265435.86 | 7265435.97 | 7265436.09 | 0.3688 | 0.0949 |
| Mercury | 15181-07-09 16:04 G | 7265996.07 | 7265996.17 | 7265996.26 | 0.3683 | 0.2425 |
| Mercury | 15185-07-12 06:00 G | 7267459.64 | 7267459.75 | 7267459.86 | 0.3689 | 0.0459 |
| Mercury | 15187-01-23 15:07 G | 7268020.00 | 7268020.13 | 7268020.26 | 0.3682 | 0.0507 |
| Mercury | 15191-01-26 00:14 G | 7269483.41 | 7269483.51 | 7269483.61 | 0.3689 | 0.1788 |
| Mercury | 15192-08-08 14:52 G | 7270044.00 | 7270044.12 | 7270044.24 | 0.3682 | 0.1523 |
| Mercury | 15196-08-10 18:14 G | 7271507.20 | 7271507.26 | 7271507.32 | 0.3690 | 0.3082 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 15198-02-22 15:07 G | 7272068.12 | 7272068.13 | 7272068.14 | 0.3681 | 0.3666 |
| Mercury | 15225-07-03 19:55 G | 7282061.29 | 7282061.33 | 7282061.37 | 0.3687 | 0.3402 |
| Mercury | 15231-01-17 14:52 G | 7284085.02 | 7284085.12 | 7284085.22 | 0.3688 | 0.1935 |
| Mercury | 15236-08-02 09:36 G | 7286108.79 | 7286108.90 | 7286109.02 | 0.3688 | 0.0512 |
| Mercury | 15238-02-13 15:36 G | 7286669.03 | 7286669.15 | 7286669.26 | 0.3683 | 0.1849 |
| Mercury | 15242-02-16 04:04 G | 7288132.56 | 7288132.67 | 7288132.78 | 0.3689 | 0.0870 |
| Mercury | 15243-08-30 14:52 G | 7288692.98 | 7288693.12 | 7288693.25 | 0.3682 | 0.0168 |
| Mercury | 15247-09-01 22:19 G | 7290156.34 | 7290156.43 | 7290156.52 | 0.3689 | 0.2195 |
| Mercury | 15249-03-15 14:38 G | 7290717.00 | 7290717.11 | 7290717.21 | 0.3682 | 0.2164 |
| Mercury | 15253-03-17 16:19 G | 7292180.15 | 7292180.18 | 7292180.22 | 0.3690 | 0.3476 |
| Mercury | 15282-02-07 18:14 G | 7302734.20 | 7302734.26 | 7302734.33 | 0.3687 | 0.2954 |
| Mercury | 15287-08-24 13:12 G | 7304757.95 | 7304758.05 | 7304758.16 | 0.3688 | 0.1490 |
| Mercury | 15289-03-06 16:04 G | 7305318.10 | 7305318.17 | 7305318.23 | 0.3683 | 0.3136 |
| Mercury | 15293-03-09 07:55 G | 7306781.72 | 7306781.83 | 7306781.94 | 0.3688 | 0.0075 |
| Mercury | 15294-09-20 14:52 G | 7307342.00 | 7307342.12 | 7307342.25 | 0.3682 | 0.1268 |
| Mercury | 15298-09-23 02:24 G | 7308805.49 | 7308805.60 | 7308805.70 | 0.3689 | 0.1292 |
| Mercury | 15300-04-06 14:24 G | 7309365.97 | 7309366.10 | 7309366.23 | 0.3682 | 0.0718 |
| Mercury | 15304-04-08 20:24 G | 7310829.28 | 7310829.35 | 7310829.43 | 0.3689 | 0.2604 |
| Mercury | 15305-10-21 14:24 G | 7311390.02 | 7311390.10 | 7311390.18 | 0.3681 | 0.2815 |
| Mercury | 15338-09-15 16:48 G | 7323407.11 | 7323407.20 | 7323407.28 | 0.3688 | 0.2499 |
| Mercury | 15344-03-31 11:31 G | 7325430.87 | 7325430.98 | 7325431.09 | 0.3688 | 0.1048 |
| Mercury | 15345-10-12 15:21 G | 7325991.05 | 7325991.14 | 7325991.23 | 0.3683 | 0.2574 |
| Mercury | 15349-10-15 06:14 G | 7327454.64 | 7327454.76 | 7327454.87 | 0.3689 | 0.0364 |
| Mercury | 15351-04-28 14:38 G | 7328014.98 | 7328015.11 | 7328015.23 | 0.3682 | 0.0675 |
| Mercury | 15355-05-01 00:28 G | 7329478.42 | 7329478.52 | 7329478.62 | 0.3689 | 0.1704 |
| Mercury | 15356-11-11 14:09 G | 7330038.97 | 7330039.09 | 7330039.21 | 0.3682 | 0.1351 |
| Mercury | 15360-11-13 18:43 G | 7331502.21 | 7331502.28 | 7331502.34 | 0.3690 | 0.3006 |
| Mercury | 15362-05-28 14:09 G | 7332063.05 | 7332063.09 | 7332063.14 | 0.3681 | 0.3480 |
| Mercury | 15389-10-06 20:09 G | 7342056.31 | 7342056.34 | 7342056.37 | 0.3687 | 0.3530 |
| Mercury | 15395-04-22 15:07 G | 7344080.03 | 7344080.13 | 7344080.23 | 0.3688 | 0.2039 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 15400-11-06 09:50 G | 7346103.80 | 7346103.91 | 7346104.03 | 0.3688 | 0.0612 |
| Mercury | 15402-05-20 14:52 G | 7346664.02 | 7346664.12 | 7346664.23 | 0.3683 | 0.1996 |
| Mercury | 15406-05-23 04:19 G | 7348127.57 | 7348127.68 | 7348127.80 | 0.3689 | 0.0791 |
| Mercury | 15407-12-04 14:09 G | 7348687.96 | 7348688.09 | 7348688.22 | 0.3682 | 0.0084 |
| Mercury | 15411-12-06 22:48 G | 7350151.35 | 7350151.45 | 7350151.54 | 0.3689 | 0.2120 |
| Mercury | 15413-06-19 13:55 G | 7350711.97 | 7350712.08 | 7350712.19 | 0.3681 | 0.1986 |
| Mercury | 15417-06-21 16:48 G | 7352175.16 | 7352175.20 | 7352175.24 | 0.3690 | 0.3403 |
| Mercury | 15446-05-14 18:28 G | 7362729.21 | 7362729.27 | 7362729.33 | 0.3687 | 0.3065 |
| Mercury | 15451-11-28 13:26 G | 7364752.96 | 7364753.06 | 7364753.17 | 0.3688 | 0.1590 |
| Mercury | 15453-06-10 15:36 G | 7365313.09 | 7365313.15 | 7365313.20 | 0.3683 | 0.3279 |
| Mercury | 15457-06-13 08:09 G | 7366776.73 | 7366776.84 | 7366776.96 | 0.3689 | 0.0172 |
| Mercury | 15458-12-25 14:24 G | 7367336.98 | 7367337.10 | 7367337.22 | 0.3682 | 0.1416 |
| Mercury | 15462-12-28 02:38 G | 7368800.50 | 7368800.61 | 7368800.72 | 0.3689 | 0.1199 |
| Mercury | 15464-07-10 13:40 G | 7369360.94 | 7369361.07 | 7369361.20 | 0.3682 | 0.0541 |
| Mercury | 15468-07-12 20:52 G | 7370824.29 | 7370824.37 | 7370824.45 | 0.3690 | 0.2524 |
| Mercury | 15470-01-24 13:40 G | 7371384.98 | 7371385.07 | 7371385.16 | 0.3681 | 0.2629 |
| Mercury | 15502-12-20 16:48 G | 7383402.12 | 7383402.20 | 7383402.29 | 0.3688 | 0.2609 |
| Mercury | 15508-07-05 11:45 G | 7385425.88 | 7385425.99 | 7385426.10 | 0.3688 | 0.1147 |
| Mercury | 15510-01-16 14:52 G | 7385986.04 | 7385986.12 | 7385986.21 | 0.3683 | 0.2717 |
| Mercury | 15514-01-19 06:28 G | 7387449.65 | 7387449.77 | 7387449.88 | 0.3689 | 0.0269 |
| Mercury | 15515-08-02 13:55 G | 7388009.95 | 7388010.08 | 7388010.20 | 0.3682 | 0.0842 |
| Mercury | 15519-08-05 00:43 G | 7389473.43 | 7389473.53 | 7389473.64 | 0.3689 | 0.1623 |
| Mercury | 15521-02-15 13:26 G | 7390033.93 | 7390034.06 | 7390034.18 | 0.3682 | 0.1171 |
| Mercury | 15525-02-17 18:57 G | 7391497.22 | 7391497.29 | 7391497.36 | 0.3690 | 0.2920 |
| Mercury | 15526-09-01 13:12 G | 7392058.00 | 7392058.05 | 7392058.11 | 0.3681 | 0.3273 |
| Mercury | 15554-01-10 20:09 G | 7402051.33 | 7402051.34 | 7402051.35 | 0.3688 | 0.3654 |
| Mercury | 15559-07-27 15:21 G | 7404075.04 | 7404075.14 | 7404075.23 | 0.3688 | 0.2150 |
| Mercury | 15565-02-09 10:04 G | 7406098.81 | 7406098.92 | 7406099.03 | 0.3688 | 0.0713 |
| Mercury | 15566-08-23 14:24 G | 7406658.99 | 7406659.10 | 7406659.20 | 0.3682 | 0.2163 |
| Mercury | 15570-08-26 04:33 G | 7408122.58 | 7408122.69 | 7408122.81 | 0.3689 | 0.0690 |

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| Mercury | 15572-03-08 13:26 G | 7408682.93 | 7408683.06 | 7408683.19 | 0.3682 | 0.0253 |
| Mercury | 15576-03-10 23:02 G | 7410146.36 | 7410146.46 | 7410146.55 | 0.3689 | 0.2028 |
| Mercury | 15577-09-22 12:57 G | 7410706.93 | 7410707.04 | 7410707.16 | 0.3681 | 0.1792 |
| Mercury | 15581-09-24 17:02 G | 7412170.16 | 7412170.21 | 7412170.26 | 0.3690 | 0.3320 |
| Mercury | 15610-08-17 18:28 G | 7422724.22 | 7422724.27 | 7422724.33 | 0.3688 | 0.3190 |
| Mercury | 15616-03-02 13:40 G | 7424747.97 | 7424748.07 | 7424748.17 | 0.3688 | 0.1705 |
| Mercury | 15617-09-13 15:07 G | 7425308.08 | 7425308.13 | 7425308.17 | 0.3683 | 0.3432 |
| Mercury | 15621-09-16 08:24 G | 7426771.73 | 7426771.85 | 7426771.96 | 0.3689 | 0.0279 |
| Mercury | 15623-03-30 13:40 G | 7427331.96 | 7427332.07 | 7427332.19 | 0.3682 | 0.1582 |
| Mercury | 15627-04-02 02:52 G | 7428795.51 | 7428795.62 | 7428795.73 | 0.3689 | 0.1106 |
| Mercury | 15628-10-13 12:57 G | 7429355.91 | 7429356.04 | 7429356.17 | 0.3682 | 0.0382 |
| Mercury | 15632-10-15 21:07 G | 7430819.30 | 7430819.38 | 7430819.46 | 0.3690 | 0.2437 |
| Mercury | 15634-04-29 12:43 G | 7431379.93 | 7431380.03 | 7431380.13 | 0.3681 | 0.2435 |
| Mercury | 15667-03-24 17:02 G | 7443397.13 | 7443397.21 | 7443397.29 | 0.3688 | 0.2723 |
| Mercury | 15672-10-07 12:00 G | 7445420.89 | 7445421.00 | 7445421.11 | 0.3688 | 0.1257 |
| Mercury | 15674-04-20 14:24 G | 7445981.02 | 7445981.10 | 7445981.18 | 0.3682 | 0.2872 |
| Mercury | 15678-04-23 06:43 G | 7447444.66 | 7447444.78 | 7447444.89 | 0.3689 | 0.0181 |
| Mercury | 15679-11-04 13:12 G | 7448004.93 | 7448005.05 | 7448005.18 | 0.3682 | 0.0994 |
| Mercury | 15683-11-07 01:12 G | 7449468.44 | 7449468.55 | 7449468.65 | 0.3689 | 0.1534 |
| Mercury | 15685-05-20 12:43 G | 7450028.90 | 7450029.03 | 7450029.15 | 0.3681 | 0.0997 |
| Mercury | 15689-05-22 19:12 G | 7451492.23 | 7451492.30 | 7451492.37 | 0.3690 | 0.2845 |
| Mercury | 15690-12-04 12:28 G | 7452052.95 | 7452053.02 | 7452053.09 | 0.3681 | 0.3088 |
| Mercury | 15723-10-30 15:21 G | 7464070.05 | 7464070.14 | 7464070.23 | 0.3688 | 0.2265 |
| Mercury | 15729-05-15 10:19 G | 7466093.82 | 7466093.93 | 7466094.04 | 0.3689 | 0.0810 |
| Mercury | 15730-11-26 13:40 G | 7466653.97 | 7466654.07 | 7466654.17 | 0.3682 | 0.2307 |
| Mercury | 15734-11-29 05:02 G | 7468117.59 | 7468117.71 | 7468117.82 | 0.3689 | 0.0609 |
| Mercury | 15736-06-11 12:43 G | 7468677.90 | 7468678.03 | 7468678.16 | 0.3682 | 0.0406 |
| Mercury | 15740-06-13 23:16 G | 7470141.38 | 7470141.47 | 7470141.57 | 0.3689 | 0.1946 |
| Mercury | 15741-12-26 12:14 G | 7470701.90 | 7470702.01 | 7470702.13 | 0.3681 | 0.1623 |
| Mercury | 15745-12-28 17:31 G | 7472165.17 | 7472165.23 | 7472165.28 | 0.3690 | 0.3250 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 15774-11-20 18:43 G | 7482719.23 | 7482719.28 | 7482719.33 | 0.3688 | 0.3299 |
| Mercury | 15780-06-05 13:55 G | 7484742.98 | 7484743.08 | 7484743.18 | 0.3688 | 0.1812 |
| Mercury | 15781-12-17 14:38 G | 7485303.08 | 7485303.11 | 7485303.14 | 0.3683 | 0.3564 |
| Mercury | 15785-12-20 08:38 G | 7486766.75 | 7486766.86 | 7486766.97 | 0.3689 | 0.0368 |
| Mercury | 15787-07-03 13:12 G | 7487326.94 | 7487327.05 | 7487327.16 | 0.3682 | 0.1736 |
| Mercury | 15791-07-06 03:07 G | 7488790.52 | 7488790.63 | 7488790.74 | 0.3689 | 0.1026 |
| Mercury | 15793-01-16 12:28 G | 7489350.89 | 7489351.02 | 7489351.15 | 0.3682 | 0.0249 |
| Mercury | 15797-01-18 21:21 G | 7490814.31 | 7490814.39 | 7490814.48 | 0.3690 | 0.2354 |
| Mercury | 15798-08-02 12:00 G | 7491374.89 | 7491375.00 | 7491375.10 | 0.3681 | 0.2247 |
| Mercury | 15802-08-05 15:36 G | 7492838.13 | 7492838.15 | 7492838.16 | 0.3690 | 0.3649 |
| Mercury | 15831-06-28 17:16 G | 7503392.14 | 7503392.22 | 7503392.29 | 0.3688 | 0.2835 |
| Mercury | 15837-01-11 12:14 G | 7505415.90 | 7505416.01 | 7505416.11 | 0.3689 | 0.1370 |
| Mercury | 15838-07-25 13:55 G | 7505976.00 | 7505976.08 | 7505976.15 | 0.3683 | 0.3025 |
| Mercury | 15842-07-28 06:57 G | 7507439.67 | 7507439.79 | 7507439.90 | 0.3689 | 0.0099 |
| Mercury | 15844-02-08 12:43 G | 7507999.90 | 7508000.03 | 7508000.15 | 0.3682 | 0.1157 |
| Mercury | 15848-02-11 01:26 G | 7509463.45 | 7509463.56 | 7509463.66 | 0.3690 | 0.1444 |
| Mercury | 15849-08-24 11:45 G | 7510023.87 | 7510023.99 | 7510024.12 | 0.3681 | 0.0825 |
| Mercury | 15853-08-26 19:40 G | 7511487.24 | 7511487.32 | 7511487.39 | 0.3690 | 0.2766 |
| Mercury | 15855-03-10 11:45 G | 7512047.91 | 7512047.99 | 7512048.07 | 0.3681 | 0.2897 |
| Mercury | 15888-02-02 15:36 G | 7524065.06 | 7524065.15 | 7524065.23 | 0.3688 | 0.2383 |
| Mercury | 15893-08-18 10:33 G | 7526088.83 | 7526088.94 | 7526089.05 | 0.3689 | 0.0918 |
| Mercury | 15895-03-01 13:12 G | 7526648.96 | 7526649.05 | 7526649.14 | 0.3682 | 0.2462 |
| Mercury | 15899-03-04 05:02 G | 7528112.60 | 7528112.71 | 7528112.83 | 0.3689 | 0.0506 |
| Mercury | 15900-09-15 12:00 G | 7528672.88 | 7528673.00 | 7528673.13 | 0.3682 | 0.0577 |
| Mercury | 15904-09-17 23:31 G | 7530136.38 | 7530136.48 | 7530136.58 | 0.3690 | 0.1855 |
| Mercury | 15906-04-01 11:31 G | 7530696.86 | 7530696.98 | 7530697.10 | 0.3681 | 0.1437 |
| Mercury | 15910-04-03 17:45 G | 7532160.18 | 7532160.24 | 7532160.29 | 0.3690 | 0.3167 |
| Mercury | 15911-10-16 11:31 G | 7532720.95 | 7532720.98 | 7532721.01 | 0.3681 | 0.3555 |
| Mercury | 15939-02-24 18:43 G | 7542714.24 | 7542714.28 | 7542714.32 | 0.3688 | 0.3427 |
| Mercury | 15944-09-09 13:55 G | 7544737.98 | 7544738.08 | 7544738.18 | 0.3688 | 0.1925 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 15950-03-26 08:52 G | 7546761.75 | 7546761.87 | 7546761.98 | 0.3689 | 0.0486 |
| Mercury | 15951-10-07 12:28 G | 7547321.91 | 7547322.02 | 7547322.13 | 0.3682 | 0.1895 |
| Mercury | 15955-10-10 03:21 G | 7548785.53 | 7548785.64 | 7548785.75 | 0.3689 | 0.0924 |
| Mercury | 15957-04-22 11:31 G | 7549345.85 | 7549345.98 | 7549346.11 | 0.3681 | 0.0140 |
| Mercury | 15961-04-24 21:50 G | 7550809.32 | 7550809.41 | 7550809.49 | 0.3690 | 0.2278 |
| Mercury | 15962-11-06 11:16 G | 7551369.86 | 7551369.97 | 7551370.07 | 0.3681 | 0.2077 |
| Mercury | 15966-11-08 15:50 G | 7552833.14 | 7552833.16 | 7552833.18 | 0.3690 | 0.3571 |
| Mercury | 15995-10-01 17:16 G | 7563387.15 | 7563387.22 | 7563387.29 | 0.3688 | 0.2957 |

17TH MILLENNIUM CE

This is a list of transits visible from Venus in the 17th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 16001-04-16 12:14 G | | 7565410.91 | 7565411.01 | 7565411.12 | 0.3689 | 0.1470 | |
| Mercury | 16002-10-28 13:26 G | | 7565970.99 | 7565971.06 | 7565971.12 | 0.3682 | 0.3161 | |
| Mercury | 16006-10-31 07:12 G | | 7567434.68 | 7567434.80 | 7567434.91 | 0.3689 | 0.0120 | |
| Mercury | 16008-05-13 12:00 G | | 7567994.88 | 7567995.00 | 7567995.12 | 0.3682 | 0.1308 | |
| Mercury | 16012-05-16 01:40 G | | 7569458.46 | 7569458.57 | 7569458.67 | 0.3689 | 0.1355 | |
| Mercury | 16013-11-27 11:16 G | | 7570018.84 | 7570018.97 | 7570019.10 | 0.3681 | 0.0655 | |
| Mercury | 16017-11-29 19:55 G | | 7571482.25 | 7571482.33 | 7571482.41 | 0.3690 | 0.2688 | |
| Mercury | 16019-06-13 11:02 G | | 7572042.87 | 7572042.96 | 7572043.05 | 0.3681 | 0.2727 | |
| Mercury | 16052-05-07 15:36 G | | 7584060.07 | 7584060.15 | 7584060.24 | 0.3688 | 0.2492 | |
| Mercury | 16057-11-21 10:48 G | | 7586083.84 | 7586083.95 | 7586084.06 | 0.3689 | 0.1020 | |
| Mercury | 16059-06-04 12:43 G | | 7586643.94 | 7586644.03 | 7586644.12 | 0.3682 | 0.2600 | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 16063-06-07 05:16 G | 7588107.61 | 7588107.72 | 7588107.84 | 0.3689 | 0.0425 |
| Mercury | 16064-12-18 11:31 G | 7588667.85 | 7588667.98 | 7588668.11 | 0.3682 | 0.0717 |
| Mercury | 16068-12-20 23:45 G | 7590131.39 | 7590131.49 | 7590131.59 | 0.3690 | 0.1781 |
| Mercury | 16070-07-04 10:48 G | 7590691.83 | 7590691.95 | 7590692.07 | 0.3681 | 0.1269 |
| Mercury | 16074-07-06 18:00 G | 7592155.19 | 7592155.25 | 7592155.31 | 0.3690 | 0.3098 |
| Mercury | 16076-01-18 10:48 G | 7592715.90 | 7592715.95 | 7592716.00 | 0.3681 | 0.3378 |
| Mercury | 16103-05-30 18:57 G | 7602709.26 | 7602709.29 | 7602709.32 | 0.3688 | 0.3541 |
| Mercury | 16108-12-13 14:09 G | 7604732.99 | 7604733.09 | 7604733.18 | 0.3689 | 0.2027 |
| Mercury | 16114-06-29 09:07 G | 7606756.76 | 7606756.88 | 7606756.99 | 0.3689 | 0.0576 |
| Mercury | 16116-01-10 12:00 G | 7607316.90 | 7607317.00 | 7607317.11 | 0.3682 | 0.2034 |
| Mercury | 16120-01-13 03:36 G | 7608780.54 | 7608780.65 | 7608780.76 | 0.3690 | 0.0837 |
| Mercury | 16121-07-26 11:02 G | 7609340.83 | 7609340.96 | 7609341.09 | 0.3681 | 0.0145 |
| Mercury | 16125-07-28 22:04 G | 7610804.33 | 7610804.42 | 7610804.51 | 0.3690 | 0.2197 |
| Mercury | 16127-02-09 10:33 G | 7611364.83 | 7611364.94 | 7611365.05 | 0.3681 | 0.1905 |
| Mercury | 16131-02-11 16:04 G | 7612828.14 | 7612828.17 | 7612828.21 | 0.3690 | 0.3495 |
| Mercury | 16160-01-04 17:16 G | 7623382.16 | 7623382.22 | 7623382.29 | 0.3688 | 0.3075 |
| Mercury | 16165-07-20 12:28 G | 7625405.92 | 7625406.02 | 7625406.13 | 0.3689 | 0.1567 |
| Mercury | 16167-01-31 12:57 G | 7625965.98 | 7625966.04 | 7625966.09 | 0.3682 | 0.3302 |
| Mercury | 16171-02-03 07:12 G | 7627429.69 | 7627429.80 | 7627429.92 | 0.3689 | 0.0161 |
| Mercury | 16172-08-16 11:31 G | 7627989.86 | 7627989.98 | 7627990.09 | 0.3682 | 0.1469 |
| Mercury | 16176-08-19 01:55 G | 7629453.47 | 7629453.58 | 7629453.68 | 0.3690 | 0.1267 |
| Mercury | 16178-03-02 10:33 G | 7630013.81 | 7630013.94 | 7630014.07 | 0.3681 | 0.0483 |
| Mercury | 16182-03-04 20:09 G | 7631477.26 | 7631477.34 | 7631477.42 | 0.3690 | 0.2603 |
| Mercury | 16183-09-16 10:04 G | 7632037.83 | 7632037.92 | 7632038.02 | 0.3681 | 0.2534 |
| Mercury | 16216-08-11 15:50 G | 7644055.08 | 7644055.16 | 7644055.24 | 0.3688 | 0.2603 |
| Mercury | 16222-02-25 10:48 G | 7646078.84 | 7646078.95 | 7646079.06 | 0.3689 | 0.1123 |
| Mercury | 16223-09-08 12:00 G | 7646638.92 | 7646639.00 | 7646639.09 | 0.3682 | 0.2756 |
| Mercury | 16227-09-11 05:31 G | 7648102.62 | 7648102.73 | 7648102.85 | 0.3689 | 0.0311 |
| Mercury | 16229-03-24 10:48 G | 7648662.83 | 7648662.95 | 7648663.08 | 0.3682 | 0.0883 |
| Mercury | 16233-03-27 00:00 G | 7650126.40 | 7650126.50 | 7650126.60 | 0.3690 | 0.1691 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 16234-10-08 10:04 G | 7650686.80 | 7650686.92 | 7650687.05 | 0.3681 | 0.1098 |
| Mercury | 16238-10-10 18:14 G | 7652150.20 | 7652150.26 | 7652150.33 | 0.3690 | 0.3018 |
| Mercury | 16240-04-23 09:50 G | 7652710.85 | 7652710.91 | 7652710.97 | 0.3680 | 0.3186 |
| Mercury | 16267-09-02 18:57 G | 7662704.28 | 7662704.29 | 7662704.30 | 0.3688 | 0.3667 |
| Mercury | 16273-03-18 14:09 G | 7664728.00 | 7664728.09 | 7664728.19 | 0.3688 | 0.2142 |
| Mercury | 16278-10-02 09:07 G | 7666751.77 | 7666751.88 | 7666751.99 | 0.3689 | 0.0674 |
| Mercury | 16280-04-14 11:31 G | 7667311.88 | 7667311.98 | 7667312.08 | 0.3682 | 0.2182 |
| Mercury | 16284-04-17 03:50 G | 7668775.55 | 7668775.66 | 7668775.77 | 0.3689 | 0.0748 |
| Mercury | 16285-10-29 10:19 G | 7669335.80 | 7669335.93 | 7669336.06 | 0.3681 | 0.0290 |
| Mercury | 16289-10-31 22:19 G | 7670799.34 | 7670799.43 | 7670799.52 | 0.3690 | 0.2111 |
| Mercury | 16291-05-15 09:50 G | 7671359.79 | 7671359.91 | 7671360.02 | 0.3681 | 0.1731 |
| Mercury | 16295-05-17 16:33 G | 7672823.15 | 7672823.19 | 7672823.23 | 0.3690 | 0.3428 |
| Mercury | 16324-04-09 17:31 G | 7683377.17 | 7683377.23 | 7683377.28 | 0.3688 | 0.3191 |
| Mercury | 16329-10-24 12:43 G | 7685400.92 | 7685401.03 | 7685401.13 | 0.3689 | 0.1685 |
| Mercury | 16331-05-07 12:28 G | 7685960.97 | 7685961.02 | 7685961.06 | 0.3682 | 0.3444 |
| Mercury | 16335-05-10 07:26 G | 7687424.70 | 7687424.81 | 7687424.93 | 0.3689 | 0.0232 |
| Mercury | 16336-11-20 10:48 G | 7687984.84 | 7687984.95 | 7687985.07 | 0.3682 | 0.1612 |
| Mercury | 16340-11-23 02:09 G | 7689448.48 | 7689448.59 | 7689448.70 | 0.3690 | 0.1181 |
| Mercury | 16342-06-06 09:50 G | 7690008.78 | 7690008.91 | 7690009.04 | 0.3681 | 0.0342 |
| Mercury | 16346-06-08 20:24 G | 7691472.27 | 7691472.35 | 7691472.43 | 0.3690 | 0.2532 |
| Mercury | 16347-12-21 09:21 G | 7692032.79 | 7692032.89 | 7692032.99 | 0.3680 | 0.2367 |
| Mercury | 16380-11-14 15:50 G | 7704050.09 | 7704050.16 | 7704050.24 | 0.3688 | 0.2718 |
| Mercury | 16386-05-31 11:02 G | 7706073.85 | 7706073.96 | 7706074.07 | 0.3689 | 0.1222 |
| Mercury | 16387-12-12 11:45 G | 7706633.91 | 7706633.99 | 7706634.06 | 0.3682 | 0.2885 |
| Mercury | 16391-12-15 05:45 G | 7708097.63 | 7708097.74 | 7708097.86 | 0.3689 | 0.0243 |
| Mercury | 16393-06-27 10:19 G | 7708657.81 | 7708657.93 | 7708658.05 | 0.3682 | 0.1026 |
| Mercury | 16397-06-30 00:28 G | 7710121.41 | 7710121.52 | 7710121.62 | 0.3690 | 0.1614 |
| Mercury | 16399-01-11 09:36 G | 7710681.77 | 7710681.90 | 7710682.02 | 0.3681 | 0.0950 |
| Mercury | 16403-01-13 18:43 G | 7712145.21 | 7712145.28 | 7712145.34 | 0.3690 | 0.2944 |
| Mercury | 16404-07-27 09:07 G | 7712705.80 | 7712705.88 | 7712705.95 | 0.3680 | 0.3005 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 16437-06-21 14:24 G | 7724723.01 | 7724723.10 | 7724723.19 | 0.3689 | 0.2246 |
| Mercury | 16443-01-05 09:21 G | 7726746.78 | 7726746.89 | 7726747.00 | 0.3689 | 0.0770 |
| Mercury | 16444-07-18 11:02 G | 7727306.86 | 7727306.96 | 7727307.06 | 0.3682 | 0.2330 |
| Mercury | 16448-07-21 04:04 G | 7728770.56 | 7728770.67 | 7728770.78 | 0.3690 | 0.0664 |
| Mercury | 16450-02-01 09:50 G | 7729330.78 | 7729330.91 | 7729331.04 | 0.3681 | 0.0441 |
| Mercury | 16454-02-03 22:33 G | 7730794.34 | 7730794.44 | 7730794.53 | 0.3690 | 0.2026 |
| Mercury | 16455-08-18 08:52 G | 7731354.76 | 7731354.87 | 7731354.99 | 0.3681 | 0.1558 |
| Mercury | 16459-08-20 16:48 G | 7732818.16 | 7732818.20 | 7732818.24 | 0.3691 | 0.3356 |
| Mercury | 16461-03-03 08:52 G | 7733378.86 | 7733378.87 | 7733378.88 | 0.3680 | 0.3663 |
| Mercury | 16488-07-12 17:31 G | 7743372.18 | 7743372.23 | 7743372.28 | 0.3688 | 0.3302 |
| Mercury | 16494-01-26 12:43 G | 7745395.93 | 7745396.03 | 7745396.13 | 0.3689 | 0.1790 |
| Mercury | 16495-08-09 12:00 G | 7745955.97 | 7745956.00 | 7745956.02 | 0.3682 | 0.3582 |
| Mercury | 16499-08-12 07:40 G | 7747419.71 | 7747419.82 | 7747419.94 | 0.3689 | 0.0319 |
| Mercury | 16501-02-23 10:19 G | 7747979.82 | 7747979.93 | 7747980.04 | 0.3682 | 0.1758 |
| Mercury | 16505-02-26 02:24 G | 7749443.49 | 7749443.60 | 7749443.71 | 0.3690 | 0.1092 |
| Mercury | 16506-09-09 09:21 G | 7750003.76 | 7750003.89 | 7750004.01 | 0.3681 | 0.0208 |
| Mercury | 16510-09-11 20:38 G | 7751467.28 | 7751467.36 | 7751467.45 | 0.3690 | 0.2453 |
| Mercury | 16512-03-25 08:38 G | 7752027.76 | 7752027.86 | 7752027.96 | 0.3681 | 0.2188 |
| Mercury | 16545-02-17 16:04 G | 7764045.09 | 7764045.17 | 7764045.24 | 0.3688 | 0.2837 |
| Mercury | 16550-09-03 11:02 G | 7766068.86 | 7766068.96 | 7766069.07 | 0.3689 | 0.1333 |
| Mercury | 16552-03-16 11:16 G | 7766628.90 | 7766628.97 | 7766629.04 | 0.3682 | 0.3031 |
| Mercury | 16556-03-19 06:00 G | 7768092.63 | 7768092.75 | 7768092.86 | 0.3689 | 0.0124 |
| Mercury | 16557-09-30 09:36 G | 7768652.78 | 7768652.90 | 7768653.03 | 0.3681 | 0.1191 |
| Mercury | 16561-10-03 00:28 G | 7770116.42 | 7770116.52 | 7770116.63 | 0.3690 | 0.1522 |
| Mercury | 16563-04-16 08:38 G | 7770676.74 | 7770676.86 | 7770676.99 | 0.3681 | 0.0785 |
| Mercury | 16567-04-18 18:57 G | 7772140.22 | 7772140.29 | 7772140.36 | 0.3690 | 0.2867 |
| Mercury | 16568-10-30 08:24 G | 7772700.76 | 7772700.85 | 7772700.93 | 0.3680 | 0.2834 |
| Mercury | 16601-09-25 14:24 G | 7784718.01 | 7784718.10 | 7784718.19 | 0.3689 | 0.2364 |
| Mercury | 16607-04-11 09:36 G | 7786741.78 | 7786741.90 | 7786742.01 | 0.3689 | 0.0880 |
| Mercury | 16608-10-22 10:33 G | 7787301.84 | 7787301.94 | 7787302.03 | 0.3682 | 0.2470 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 16612-10-25 04:19 G | 7788765.57 | 7788765.68 | 7788765.79 | 0.3690 | 0.0568 |
| Mercury | 16614-05-08 09:07 G | 7789325.76 | 7789325.88 | 7789326.01 | 0.3681 | 0.0593 |
| Mercury | 16618-05-10 22:48 G | 7790789.36 | 7790789.45 | 7790789.55 | 0.3690 | 0.1951 |
| Mercury | 16619-11-22 08:24 G | 7791349.73 | 7791349.85 | 7791349.97 | 0.3681 | 0.1398 |
| Mercury | 16623-11-24 17:02 G | 7792813.16 | 7792813.21 | 7792813.26 | 0.3691 | 0.3285 |
| Mercury | 16625-06-07 08:09 G | 7793373.80 | 7793373.84 | 7793373.88 | 0.3680 | 0.3493 |
| Mercury | 16652-10-16 17:31 G | 7803367.19 | 7803367.23 | 7803367.27 | 0.3688 | 0.3427 |
| Mercury | 16658-05-02 12:57 G | 7805390.94 | 7805391.04 | 7805391.14 | 0.3689 | 0.1896 |
| Mercury | 16663-11-16 07:55 G | 7807414.71 | 7807414.83 | 7807414.94 | 0.3689 | 0.0418 |
| Mercury | 16665-05-29 09:50 G | 7807974.80 | 7807974.91 | 7807975.02 | 0.3681 | 0.1899 |
| Mercury | 16669-06-01 02:38 G | 7809438.50 | 7809438.61 | 7809438.72 | 0.3690 | 0.1009 |
| Mercury | 16670-12-13 08:38 G | 7809998.73 | 7809998.86 | 7809998.99 | 0.3681 | 0.0033 |
| Mercury | 16674-12-15 21:07 G | 7811462.29 | 7811462.38 | 7811462.46 | 0.3690 | 0.2379 |
| Mercury | 16676-06-28 07:55 G | 7812022.72 | 7812022.83 | 7812022.94 | 0.3680 | 0.2029 |
| Mercury | 16709-05-24 16:04 G | 7824040.10 | 7824040.17 | 7824040.24 | 0.3689 | 0.2944 |
| Mercury | 16714-12-08 11:16 G | 7826063.86 | 7826063.97 | 7826064.08 | 0.3689 | 0.1427 |
| Mercury | 16716-06-20 10:48 G | 7826623.89 | 7826623.95 | 7826624.01 | 0.3682 | 0.3157 |
| Mercury | 16720-06-23 06:14 G | 7828087.64 | 7828087.76 | 7828087.87 | 0.3689 | 0.0060 |
| Mercury | 16722-01-04 09:07 G | 7828647.76 | 7828647.88 | 7828648.00 | 0.3681 | 0.1327 |
| Mercury | 16726-01-07 00:43 G | 7830111.43 | 7830111.53 | 7830111.64 | 0.3690 | 0.1449 |
| Mercury | 16727-07-21 08:09 G | 7830671.71 | 7830671.84 | 7830671.97 | 0.3681 | 0.0616 |
| Mercury | 16731-07-23 19:12 G | 7832135.23 | 7832135.30 | 7832135.37 | 0.3691 | 0.2801 |
| Mercury | 16733-02-03 07:40 G | 7832695.73 | 7832695.82 | 7832695.91 | 0.3680 | 0.2672 |
| Mercury | 16765-12-29 14:38 G | 7844713.02 | 7844713.11 | 7844713.19 | 0.3689 | 0.2469 |
| Mercury | 16771-07-15 09:36 G | 7846736.79 | 7846736.90 | 7846737.02 | 0.3689 | 0.0975 |
| Mercury | 16773-01-25 10:04 G | 7847296.83 | 7847296.92 | 7847297.01 | 0.3682 | 0.2600 |
| Mercury | 16777-01-28 04:33 G | 7848760.57 | 7848760.69 | 7848760.80 | 0.3690 | 0.0482 |
| Mercury | 16778-08-11 08:38 G | 7849320.73 | 7849320.86 | 7849320.98 | 0.3681 | 0.0745 |
| Mercury | 16782-08-13 23:02 G | 7850784.37 | 7850784.46 | 7850784.56 | 0.3690 | 0.1877 |
| Mercury | 16784-02-25 07:40 G | 7851344.70 | 7851344.82 | 7851344.94 | 0.3681 | 0.1233 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 16788-02-27 17:16 G | 7852808.17 | 7852808.22 | 7852808.28 | 0.3691 | 0.3209 |
| Mercury | 16789-09-10 07:12 G | 7853368.75 | 7853368.80 | 7853368.86 | 0.3680 | 0.3310 |
| Mercury | 16817-01-19 17:45 G | 7863362.21 | 7863362.24 | 7863362.26 | 0.3689 | 0.3548 |
| Mercury | 16822-08-05 12:57 G | 7865385.95 | 7865386.04 | 7865386.14 | 0.3689 | 0.1997 |
| Mercury | 16828-02-19 07:55 G | 7867409.72 | 7867409.83 | 7867409.95 | 0.3690 | 0.0525 |
| Mercury | 16829-09-01 09:21 G | 7867969.78 | 7867969.89 | 7867969.99 | 0.3681 | 0.2050 |
| Mercury | 16833-09-04 02:52 G | 7869433.50 | 7869433.62 | 7869433.73 | 0.3690 | 0.0928 |
| Mercury | 16835-03-18 07:55 G | 7869993.70 | 7869993.83 | 7869993.96 | 0.3681 | 0.0182 |
| Mercury | 16839-03-20 21:21 G | 7871457.30 | 7871457.39 | 7871457.47 | 0.3690 | 0.2298 |
| Mercury | 16840-10-01 07:12 G | 7872017.69 | 7872017.80 | 7872017.91 | 0.3680 | 0.1854 |
| Mercury | 16844-10-03 15:36 G | 7873481.13 | 7873481.15 | 7873481.16 | 0.3691 | 0.3623 |
| Mercury | 16873-08-26 16:04 G | 7884035.11 | 7884035.17 | 7884035.24 | 0.3689 | 0.3063 |
| Mercury | 16879-03-12 11:16 G | 7886058.87 | 7886058.97 | 7886059.08 | 0.3689 | 0.1542 |
| Mercury | 16880-09-22 10:19 G | 7886618.87 | 7886618.93 | 7886618.98 | 0.3682 | 0.3300 |
| Mercury | 16884-09-25 06:14 G | 7888082.65 | 7888082.76 | 7888082.88 | 0.3690 | 0.0142 |
| Mercury | 16886-04-08 08:38 G | 7888642.74 | 7888642.86 | 7888642.98 | 0.3681 | 0.1469 |
| Mercury | 16890-04-11 00:57 G | 7890106.44 | 7890106.54 | 7890106.65 | 0.3690 | 0.1361 |
| Mercury | 16891-10-23 07:26 G | 7890666.68 | 7890666.81 | 7890666.94 | 0.3681 | 0.0464 |
| Mercury | 16895-10-25 19:26 G | 7892130.24 | 7892130.31 | 7892130.39 | 0.3691 | 0.2719 |
| Mercury | 16897-05-08 06:57 G | 7892690.69 | 7892690.79 | 7892690.88 | 0.3680 | 0.2500 |
| Mercury | 16930-04-03 14:38 G | 7904708.03 | 7904708.11 | 7904708.19 | 0.3689 | 0.2585 |
| Mercury | 16935-10-18 09:50 G | 7906731.80 | 7906731.91 | 7906732.02 | 0.3689 | 0.1074 |
| Mercury | 16937-04-30 09:36 G | 7907291.81 | 7907291.90 | 7907291.98 | 0.3681 | 0.2745 |
| Mercury | 16941-05-03 04:48 G | 7908755.58 | 7908755.70 | 7908755.81 | 0.3690 | 0.0414 |
| Mercury | 16942-11-14 08:09 G | 7909315.71 | 7909315.84 | 7909315.96 | 0.3681 | 0.0890 |
| Mercury | 16946-11-16 23:16 G | 7910779.37 | 7910779.47 | 7910779.57 | 0.3690 | 0.1791 |
| Mercury | 16948-05-30 06:57 G | 7911339.67 | 7911339.79 | 7911339.92 | 0.3680 | 0.1078 |
| Mercury | 16952-06-01 17:45 G | 7912803.18 | 7912803.24 | 7912803.29 | 0.3691 | 0.3144 |
| Mercury | 16953-12-14 06:28 G | 7913363.71 | 7913363.77 | 7913363.84 | 0.3680 | 0.3148 |
| Mercury | 16981-04-24 17:45 G | 7923357.23 | 7923357.24 | 7923357.25 | 0.3689 | 0.3663 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 16986-11-08 13:12 G | 7925380.95 | 7925381.05 | 7925381.14 | 0.3689 | 0.2112 |
| Mercury | 16992-05-24 08:09 G | 7927404.73 | 7927404.84 | 7927404.95 | 0.3689 | 0.0609 |
| Mercury | 16993-12-05 08:52 G | 7927964.77 | 7927964.87 | 7927964.97 | 0.3681 | 0.2174 |
| Mercury | 16997-12-08 03:07 G | 7929428.51 | 7929428.63 | 7929428.74 | 0.3690 | 0.0845 |
| Mercury | 16999-06-21 07:26 G | 7929988.68 | 7929988.81 | 7929988.94 | 0.3681 | 0.0297 |

18TH MILLENNIUM CE

This is a list of transits visible from Venus in the 18th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 17003-06-24 21:36 G | | 7931452.31 | 7931452.40 | 7931452.49 | 0.3690 | 0.2224 | |
| Mercury | 17005-01-05 06:43 G | | 7932012.66 | 7932012.78 | 7932012.89 | 0.3680 | 0.1709 | |
| Mercury | 17009-01-07 15:50 G | | 7933476.14 | 7933476.16 | 7933476.19 | 0.3691 | 0.3562 | |
| Mercury | 17037-11-30 16:19 G | | 7944030.12 | 7944030.18 | 7944030.24 | 0.3689 | 0.3174 | |
| Mercury | 17043-06-16 11:31 G | | 7946053.88 | 7946053.98 | 7946054.09 | 0.3689 | 0.1634 | |
| Mercury | 17044-12-27 09:50 G | | 7946613.87 | 7946613.91 | 7946613.96 | 0.3682 | 0.3422 | |
| Mercury | 17048-12-30 06:28 G | | 7948077.66 | 7948077.77 | 7948077.89 | 0.3690 | 0.0182 | |
| Mercury | 17050-07-13 08:09 G | | 7948637.73 | 7948637.84 | 7948637.95 | 0.3681 | 0.1605 | |
| Mercury | 17054-07-16 01:12 G | | 7950101.45 | 7950101.55 | 7950101.66 | 0.3690 | 0.1287 | |
| Mercury | 17056-01-27 06:57 G | | 7950661.66 | 7950661.79 | 7950661.92 | 0.3681 | 0.0316 | |
| Mercury | 17060-01-29 19:40 G | | 7952125.25 | 7952125.32 | 7952125.40 | 0.3691 | 0.2648 | |
| Mercury | 17061-08-12 06:14 G | | 7952685.66 | 7952685.76 | 7952685.86 | 0.3680 | 0.2334 | |
| Mercury | 17094-07-07 14:38 G | | 7964703.04 | 7964703.11 | 7964703.19 | 0.3689 | 0.2693 | |
| Mercury | 17100-01-21 09:50 G | | 7966726.80 | 7966726.91 | 7966727.02 | 0.3690 | 0.1176 | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 17101-08-04 09:07 G | 7967286.80 | 7967286.88 | 7967286.95 | 0.3682 | 0.2880 |
| Mercury | 17105-08-07 04:48 G | 7968750.59 | 7968750.70 | 7968750.82 | 0.3690 | 0.0329 |
| Mercury | 17107-02-18 07:26 G | 7969310.69 | 7969310.81 | 7969310.94 | 0.3681 | 0.1028 |
| Mercury | 17111-02-20 23:31 G | 7970774.38 | 7970774.48 | 7970774.58 | 0.3690 | 0.1707 |
| Mercury | 17112-09-03 06:14 G | 7971334.64 | 7971334.76 | 7971334.89 | 0.3680 | 0.0926 |
| Mercury | 17116-09-05 18:00 G | 7972798.19 | 7972798.25 | 7972798.31 | 0.3691 | 0.3073 |
| Mercury | 17118-03-20 05:45 G | 7973358.66 | 7973358.74 | 7973358.82 | 0.3680 | 0.2974 |
| Mercury | 17151-02-12 13:12 G | 7985375.96 | 7985376.05 | 7985376.14 | 0.3689 | 0.2220 |
| Mercury | 17156-08-28 08:24 G | 7987399.73 | 7987399.85 | 7987399.96 | 0.3690 | 0.0711 |
| Mercury | 17158-03-11 08:24 G | 7987959.75 | 7987959.85 | 7987959.95 | 0.3681 | 0.2315 |
| Mercury | 17162-03-14 03:07 G | 7989423.52 | 7989423.63 | 7989423.74 | 0.3690 | 0.0746 |
| Mercury | 17163-09-25 06:57 G | 7989983.66 | 7989983.79 | 7989983.91 | 0.3681 | 0.0456 |
| Mercury | 17167-09-27 21:50 G | 7991447.31 | 7991447.41 | 7991447.50 | 0.3691 | 0.2144 |
| Mercury | 17169-04-10 06:00 G | 7992007.63 | 7992007.75 | 7992007.86 | 0.3680 | 0.1547 |
| Mercury | 17173-04-12 16:04 G | 7993471.14 | 7993471.17 | 7993471.21 | 0.3691 | 0.3490 |
| Mercury | 17174-10-25 05:31 G | 7994031.71 | 7994031.73 | 7994031.74 | 0.3680 | 0.3627 |
| Mercury | 17202-03-05 16:19 G | 8004025.13 | 8004025.18 | 8004025.23 | 0.3689 | 0.3298 |
| Mercury | 17207-09-19 11:31 G | 8006048.88 | 8006048.98 | 8006049.09 | 0.3689 | 0.1747 |
| Mercury | 17209-04-01 09:21 G | 8006608.86 | 8006608.89 | 8006608.92 | 0.3682 | 0.3556 |
| Mercury | 17213-04-04 06:43 G | 8008072.66 | 8008072.78 | 8008072.89 | 0.3690 | 0.0257 |
| Mercury | 17214-10-16 07:40 G | 8008632.71 | 8008632.82 | 8008632.93 | 0.3681 | 0.1749 |
| Mercury | 17218-10-19 01:26 G | 8010096.45 | 8010096.56 | 8010096.67 | 0.3690 | 0.1189 |
| Mercury | 17220-05-01 06:14 G | 8010656.63 | 8010656.76 | 8010656.89 | 0.3680 | 0.0171 |
| Mercury | 17224-05-03 19:55 G | 8012120.25 | 8012120.33 | 8012120.41 | 0.3691 | 0.2578 |
| Mercury | 17225-11-15 05:31 G | 8012680.62 | 8012680.73 | 8012680.83 | 0.3680 | 0.2178 |
| Mercury | 17258-10-10 14:38 G | 8024698.04 | 8024698.11 | 8024698.19 | 0.3689 | 0.2812 |
| Mercury | 17264-04-25 10:04 G | 8026721.81 | 8026721.92 | 8026722.03 | 0.3689 | 0.1270 |
| Mercury | 17265-11-06 08:38 G | 8027281.79 | 8027281.86 | 8027281.93 | 0.3681 | 0.3000 |
| Mercury | 17269-11-09 05:02 G | 8028745.60 | 8028745.71 | 8028745.83 | 0.3690 | 0.0210 |
| Mercury | 17271-05-23 06:57 G | 8029305.67 | 8029305.79 | 8029305.91 | 0.3681 | 0.1167 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 17275-05-25 23:45 G | 8030769.39 | 8030769.49 | 8030769.59 | 0.3690 | 0.1633 |
| Mercury | 17276-12-06 05:45 G | 8031329.62 | 8031329.74 | 8031329.87 | 0.3680 | 0.0780 |
| Mercury | 17280-12-08 18:14 G | 8032793.20 | 8032793.26 | 8032793.32 | 0.3691 | 0.3006 |
| Mercury | 17282-06-22 05:02 G | 8033353.63 | 8033353.71 | 8033353.80 | 0.3680 | 0.2822 |
| Mercury | 17315-05-18 13:12 G | 8045370.96 | 8045371.05 | 8045371.14 | 0.3689 | 0.2323 |
| Mercury | 17320-12-01 08:24 G | 8047394.74 | 8047394.85 | 8047394.97 | 0.3690 | 0.0807 |
| Mercury | 17322-06-14 07:55 G | 8047954.74 | 8047954.83 | 8047954.92 | 0.3681 | 0.2440 |
| Mercury | 17326-06-17 03:21 G | 8049418.53 | 8049418.64 | 8049418.75 | 0.3690 | 0.0663 |
| Mercury | 17327-12-29 06:14 G | 8049978.64 | 8049978.76 | 8049978.89 | 0.3681 | 0.0593 |
| Mercury | 17331-12-31 22:04 G | 8051442.32 | 8051442.42 | 8051442.51 | 0.3691 | 0.2075 |
| Mercury | 17333-07-14 05:16 G | 8052002.60 | 8052002.72 | 8052002.84 | 0.3680 | 0.1395 |
| Mercury | 17337-07-16 16:19 G | 8053466.15 | 8053466.18 | 8053466.22 | 0.3691 | 0.3433 |
| Mercury | 17339-01-28 04:48 G | 8054026.66 | 8054026.70 | 8054026.74 | 0.3680 | 0.3472 |
| Mercury | 17366-06-08 16:19 G | 8064020.14 | 8064020.18 | 8064020.22 | 0.3689 | 0.3407 |
| Mercury | 17371-12-23 11:45 G | 8066043.89 | 8066043.99 | 8066044.09 | 0.3689 | 0.1840 |
| Mercury | 17373-07-05 09:07 G | 8066603.87 | 8066603.88 | 8066603.88 | 0.3682 | 0.3672 |
| Mercury | 17377-07-08 06:57 G | 8068067.67 | 8068067.79 | 8068067.90 | 0.3690 | 0.0356 |
| Mercury | 17379-01-19 07:12 G | 8068627.69 | 8068627.80 | 8068627.91 | 0.3681 | 0.1875 |
| Mercury | 17383-01-22 01:40 G | 8070091.46 | 8070091.57 | 8070091.68 | 0.3690 | 0.1110 |
| Mercury | 17384-08-04 05:45 G | 8070651.61 | 8070651.74 | 8070651.87 | 0.3681 | 0.0025 |
| Mercury | 17388-08-06 20:24 G | 8072115.26 | 8072115.35 | 8072115.43 | 0.3691 | 0.2513 |
| Mercury | 17390-02-18 04:48 G | 8072675.59 | 8072675.70 | 8072675.81 | 0.3680 | 0.2025 |
| Mercury | 17423-01-14 14:52 G | 8084693.05 | 8084693.12 | 8084693.19 | 0.3689 | 0.2916 |
| Mercury | 17428-07-30 10:19 G | 8086716.82 | 8086716.93 | 8086717.03 | 0.3690 | 0.1372 |
| Mercury | 17430-02-10 08:09 G | 8087276.78 | 8087276.84 | 8087276.91 | 0.3681 | 0.3126 |
| Mercury | 17434-02-13 05:16 G | 8088740.60 | 8088740.72 | 8088740.83 | 0.3690 | 0.0168 |
| Mercury | 17435-08-27 06:28 G | 8089300.65 | 8089300.77 | 8089300.89 | 0.3681 | 0.1311 |
| Mercury | 17439-08-30 00:00 G | 8090764.40 | 8090764.50 | 8090764.60 | 0.3691 | 0.1557 |
| Mercury | 17441-03-12 05:16 G | 8091324.59 | 8091324.72 | 8091324.84 | 0.3680 | 0.0637 |
| Mercury | 17445-03-14 18:28 G | 8092788.20 | 8092788.27 | 8092788.34 | 0.3691 | 0.2932 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 17446-09-26 04:19 G | 8093348.59 | 8093348.68 | 8093348.77 | 0.3680 | 0.2651 |
| Mercury | 17479-08-21 13:26 G | 8105365.97 | 8105366.06 | 8105366.14 | 0.3689 | 0.2429 |
| Mercury | 17485-03-06 08:38 G | 8107389.74 | 8107389.86 | 8107389.97 | 0.3690 | 0.0911 |
| Mercury | 17486-09-17 07:26 G | 8107949.72 | 8107949.81 | 8107949.90 | 0.3681 | 0.2577 |
| Mercury | 17490-09-20 03:36 G | 8109413.53 | 8109413.65 | 8109413.76 | 0.3690 | 0.0581 |
| Mercury | 17492-04-02 05:45 G | 8109973.62 | 8109973.74 | 8109973.87 | 0.3681 | 0.0721 |
| Mercury | 17496-04-04 22:19 G | 8111437.33 | 8111437.43 | 8111437.52 | 0.3691 | 0.1997 |
| Mercury | 17497-10-17 04:33 G | 8111997.57 | 8111997.69 | 8111997.81 | 0.3680 | 0.1240 |
| Mercury | 17501-10-20 16:33 G | 8113461.15 | 8113461.19 | 8113461.24 | 0.3691 | 0.3361 |
| Mercury | 17503-05-04 04:04 G | 8114021.61 | 8114021.67 | 8114021.72 | 0.3679 | 0.3308 |
| Mercury | 17530-09-12 16:19 G | 8124015.15 | 8124015.18 | 8124015.21 | 0.3689 | 0.3526 |
| Mercury | 17536-03-28 11:45 G | 8126038.89 | 8126038.99 | 8126039.09 | 0.3689 | 0.1952 |
| Mercury | 17541-10-12 06:57 G | 8128062.67 | 8128062.79 | 8128062.91 | 0.3690 | 0.0435 |
| Mercury | 17543-04-25 06:43 G | 8128622.67 | 8128622.78 | 8128622.88 | 0.3681 | 0.2013 |
| Mercury | 17547-04-28 01:55 G | 8130086.47 | 8130086.58 | 8130086.69 | 0.3690 | 0.1029 |
| Mercury | 17548-11-08 05:16 G | 8130646.59 | 8130646.72 | 8130646.84 | 0.3680 | 0.0152 |
| Mercury | 17552-11-10 20:24 G | 8132110.27 | 8132110.35 | 8132110.44 | 0.3691 | 0.2434 |
| Mercury | 17554-05-25 04:04 G | 8132670.56 | 8132670.67 | 8132670.78 | 0.3680 | 0.1867 |
| Mercury | 17587-04-19 14:52 G | 8144688.05 | 8144688.12 | 8144688.18 | 0.3689 | 0.3031 |
| Mercury | 17592-11-02 10:19 G | 8146711.82 | 8146711.93 | 8146712.03 | 0.3690 | 0.1476 |
| Mercury | 17594-05-16 07:55 G | 8147271.77 | 8147271.83 | 8147271.88 | 0.3681 | 0.3255 |
| Mercury | 17598-05-19 05:16 G | 8148735.61 | 8148735.72 | 8148735.84 | 0.3690 | 0.0090 |
| Mercury | 17599-11-30 06:00 G | 8149295.63 | 8149295.75 | 8149295.87 | 0.3681 | 0.1434 |
| Mercury | 17603-12-03 00:14 G | 8150759.40 | 8150759.51 | 8150759.61 | 0.3691 | 0.1480 |
| Mercury | 17605-06-15 04:33 G | 8151319.57 | 8151319.69 | 8151319.82 | 0.3680 | 0.0491 |
| Mercury | 17609-06-17 18:43 G | 8152783.21 | 8152783.28 | 8152783.35 | 0.3691 | 0.2868 |
| Mercury | 17610-12-30 03:50 G | 8153343.56 | 8153343.66 | 8153343.75 | 0.3680 | 0.2510 |
| Mercury | 17643-11-24 13:26 G | 8165360.97 | 8165361.06 | 8165361.14 | 0.3689 | 0.2538 |
| Mercury | 17649-06-09 08:38 G | 8167384.75 | 8167384.86 | 8167384.97 | 0.3690 | 0.0996 |
| Mercury | 17650-12-21 06:57 G | 8167944.71 | 8167944.79 | 8167944.88 | 0.3681 | 0.2699 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 17654-12-24 03:50 G | 8169408.54 | 8169408.66 | 8169408.77 | 0.3690 | 0.0510 |
| Mercury | 17656-07-06 05:16 G | 8169968.60 | 8169968.72 | 8169968.85 | 0.3681 | 0.0851 |
| Mercury | 17660-07-08 22:33 G | 8171432.34 | 8171432.44 | 8171432.53 | 0.3691 | 0.1927 |
| Mercury | 17662-01-20 04:04 G | 8171992.55 | 8171992.67 | 8171992.79 | 0.3680 | 0.1099 |
| Mercury | 17666-01-22 17:02 G | 8173456.16 | 8173456.21 | 8173456.25 | 0.3691 | 0.3301 |
| Mercury | 17667-08-06 03:21 G | 8174016.57 | 8174016.64 | 8174016.70 | 0.3680 | 0.3151 |
| Mercury | 17694-12-15 16:19 G | 8184010.17 | 8184010.18 | 8184010.20 | 0.3689 | 0.3637 |
| Mercury | 17700-07-01 12:00 G | 8186033.90 | 8186034.00 | 8186034.09 | 0.3689 | 0.2055 |
| Mercury | 17706-01-15 07:12 G | 8188057.68 | 8188057.80 | 8188057.91 | 0.3690 | 0.0530 |
| Mercury | 17707-07-29 06:14 G | 8188617.66 | 8188617.76 | 8188617.86 | 0.3681 | 0.2140 |
| Mercury | 17711-08-01 02:09 G | 8190081.48 | 8190081.59 | 8190081.70 | 0.3691 | 0.0958 |
| Mercury | 17713-02-11 04:48 G | 8190641.57 | 8190641.70 | 8190641.82 | 0.3680 | 0.0280 |
| Mercury | 17717-02-13 20:38 G | 8192105.28 | 8192105.36 | 8192105.45 | 0.3691 | 0.2362 |
| Mercury | 17718-08-28 03:36 G | 8192665.53 | 8192665.65 | 8192665.76 | 0.3680 | 0.1718 |
| Mercury | 17751-07-23 14:52 G | 8204683.06 | 8204683.12 | 8204683.18 | 0.3689 | 0.3137 |
| Mercury | 17757-02-05 10:19 G | 8206706.83 | 8206706.93 | 8206707.04 | 0.3690 | 0.1572 |
| Mercury | 17758-08-19 07:26 G | 8207266.76 | 8207266.81 | 8207266.86 | 0.3681 | 0.3378 |
| Mercury | 17762-08-22 05:31 G | 8208730.61 | 8208730.73 | 8208730.85 | 0.3690 | 0.0053 |
| Mercury | 17764-03-04 05:31 G | 8209290.62 | 8209290.73 | 8209290.85 | 0.3681 | 0.1563 |
| Mercury | 17768-03-07 00:14 G | 8210754.41 | 8210754.51 | 8210754.62 | 0.3691 | 0.1402 |
| Mercury | 17769-09-18 04:04 G | 8211314.54 | 8211314.67 | 8211314.79 | 0.3680 | 0.0346 |
| Mercury | 17773-09-20 18:57 G | 8212778.22 | 8212778.29 | 8212778.36 | 0.3691 | 0.2799 |
| Mercury | 17775-04-04 03:07 G | 8213338.53 | 8213338.63 | 8213338.73 | 0.3680 | 0.2353 |
| Mercury | 17808-02-28 13:26 G | 8225355.98 | 8225356.06 | 8225356.14 | 0.3689 | 0.2653 |
| Mercury | 17813-09-13 08:52 G | 8227379.76 | 8227379.87 | 8227379.98 | 0.3690 | 0.1097 |
| Mercury | 17815-03-27 06:28 G | 8227939.70 | 8227939.77 | 8227939.85 | 0.3681 | 0.2830 |
| Mercury | 17819-03-30 03:50 G | 8229403.54 | 8229403.66 | 8229403.77 | 0.3690 | 0.0404 |
| Mercury | 17820-10-10 04:48 G | 8229963.58 | 8229963.70 | 8229963.82 | 0.3680 | 0.0989 |
| Mercury | 17824-10-12 22:33 G | 8231427.34 | 8231427.44 | 8231427.54 | 0.3691 | 0.1847 |
| Mercury | 17826-04-26 03:21 G | 8231987.52 | 8231987.64 | 8231987.77 | 0.3680 | 0.0951 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 17830-04-28 17:16 G | 8233451.16 | 8233451.22 | 8233451.27 | 0.3691 | 0.3235 |
| Mercury | 17831-11-10 02:38 G | 8234011.53 | 8234011.61 | 8234011.68 | 0.3679 | 0.2995 |
| Mercury | 17864-10-04 12:00 G | 8246028.90 | 8246029.00 | 8246029.09 | 0.3690 | 0.2165 |
| Mercury | 17870-04-20 07:12 G | 8248052.69 | 8248052.80 | 8248052.92 | 0.3690 | 0.0618 |
| Mercury | 17871-11-01 05:45 G | 8248612.64 | 8248612.74 | 8248612.84 | 0.3681 | 0.2266 |
| Mercury | 17875-11-04 02:09 G | 8250076.48 | 8250076.59 | 8250076.70 | 0.3691 | 0.0866 |
| Mercury | 17877-05-17 04:04 G | 8250636.55 | 8250636.67 | 8250636.80 | 0.3680 | 0.0400 |
| Mercury | 17881-05-19 20:52 G | 8252100.28 | 8252100.37 | 8252100.46 | 0.3691 | 0.2295 |
| Mercury | 17882-12-01 02:52 G | 8252660.51 | 8252660.62 | 8252660.74 | 0.3680 | 0.1582 |
| Mercury | 17886-12-03 15:21 G | 8254124.13 | 8254124.14 | 8254124.15 | 0.3691 | 0.3666 |
| Mercury | 17888-06-16 02:09 G | 8254684.58 | 8254684.59 | 8254684.60 | 0.3679 | 0.3654 |
| Mercury | 17915-10-27 14:52 G | 8264678.07 | 8264678.12 | 8264678.17 | 0.3689 | 0.3257 |
| Mercury | 17921-05-12 10:33 G | 8266701.83 | 8266701.94 | 8266702.04 | 0.3690 | 0.1675 |
| Mercury | 17922-11-23 07:12 G | 8267261.76 | 8267261.80 | 8267261.83 | 0.3681 | 0.3493 |
| Mercury | 17926-11-26 05:31 G | 8268725.62 | 8268725.73 | 8268725.85 | 0.3690 | 0.0200 |
| Mercury | 17928-06-08 05:02 G | 8269285.60 | 8269285.71 | 8269285.82 | 0.3681 | 0.1691 |
| Mercury | 17932-06-11 00:28 G | 8270749.42 | 8270749.52 | 8270749.63 | 0.3691 | 0.1327 |
| Mercury | 17933-12-23 03:36 G | 8271309.52 | 8271309.65 | 8271309.77 | 0.3680 | 0.0233 |
| Mercury | 17937-12-25 19:12 G | 8272773.23 | 8272773.30 | 8272773.38 | 0.3691 | 0.2738 |
| Mercury | 17939-07-09 02:24 G | 8273333.50 | 8273333.60 | 8273333.71 | 0.3680 | 0.2214 |
| Mercury | 17972-06-02 13:26 G | 8285350.98 | 8285351.06 | 8285351.14 | 0.3690 | 0.2755 |
| Mercury | 17977-12-17 08:52 G | 8287374.76 | 8287374.87 | 8287374.98 | 0.3690 | 0.1183 |
| Mercury | 17979-06-30 06:14 G | 8287934.69 | 8287934.76 | 8287934.83 | 0.3681 | 0.2938 |
| Mercury | 17983-07-03 04:04 G | 8289398.55 | 8289398.67 | 8289398.78 | 0.3690 | 0.0337 |
| Mercury | 17985-01-13 04:19 G | 8289958.56 | 8289958.68 | 8289958.80 | 0.3680 | 0.1111 |
| Mercury | 17989-01-15 22:48 G | 8291422.35 | 8291422.45 | 8291422.55 | 0.3691 | 0.1782 |
| Mercury | 17990-07-30 02:52 G | 8291982.50 | 8291982.62 | 8291982.75 | 0.3680 | 0.0819 |
| Mercury | 17994-08-01 17:31 G | 8293446.17 | 8293446.23 | 8293446.28 | 0.3691 | 0.3178 |
| Mercury | 17996-02-13 01:55 G | 8294006.50 | 8294006.58 | 8294006.66 | 0.3679 | 0.2855 |

19TH MILLENNIUM CE

This is a list of transits visible from Venus in the 19th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 18029-01-07 12:00 G | | 8306023.91 | 8306024.00 | 8306024.09 | 0.3690 | 0.2256 | |
| Mercury | 18034-07-24 07:26 G | | 8308047.69 | 8308047.81 | 8308047.92 | 0.3690 | 0.0709 | |
| Mercury | 18036-02-04 05:31 G | | 8308607.63 | 8308607.73 | 8308607.82 | 0.3681 | 0.2379 | |
| Mercury | 18040-02-07 02:24 G | | 8310071.49 | 8310071.60 | 8310071.71 | 0.3691 | 0.0787 | |
| Mercury | 18041-08-20 03:36 G | | 8310631.52 | 8310631.65 | 8310631.78 | 0.3680 | 0.0531 | |
| Mercury | 18045-08-22 21:07 G | | 8312095.29 | 8312095.38 | 8312095.47 | 0.3691 | 0.2230 | |
| Mercury | 18047-03-06 02:24 G | | 8312655.48 | 8312655.60 | 8312655.72 | 0.3680 | 0.1440 | |
| Mercury | 18051-03-08 15:36 G | | 8314119.13 | 8314119.15 | 8314119.17 | 0.3692 | 0.3603 | |
| Mercury | 18052-09-19 01:26 G | | 8314679.52 | 8314679.56 | 8314679.60 | 0.3679 | 0.3493 | |
| Mercury | 18080-01-29 14:52 G | | 8324673.08 | 8324673.12 | 8324673.17 | 0.3690 | 0.3369 | |
| Mercury | 18085-08-14 10:33 G | | 8326696.84 | 8326696.94 | 8326697.04 | 0.3690 | 0.1763 | |
| Mercury | 18087-02-25 06:43 G | | 8327256.76 | 8327256.78 | 8327256.80 | 0.3681 | 0.3606 | |
| Mercury | 18091-02-28 05:45 G | | 8328720.62 | 8328720.74 | 8328720.85 | 0.3691 | 0.0247 | |
| Mercury | 18092-09-10 04:33 G | | 8329280.58 | 8329280.69 | 8329280.80 | 0.3681 | 0.1821 | |
| Mercury | 18096-09-13 00:43 G | | 8330744.42 | 8330744.53 | 8330744.64 | 0.3691 | 0.1248 | |
| Mercury | 18098-03-27 02:52 G | | 8331304.49 | 8331304.62 | 8331304.75 | 0.3680 | 0.0098 | |
| Mercury | 18102-03-30 19:26 G | | 8332768.23 | 8332768.31 | 8332768.38 | 0.3691 | 0.2667 | |
| Mercury | 18103-10-12 01:40 G | | 8333328.47 | 8333328.57 | 8333328.68 | 0.3679 | 0.2061 | |
| Mercury | 18136-09-05 13:26 G | | 8345345.99 | 8345346.06 | 8345346.14 | 0.3690 | 0.2863 | |
| Mercury | 18142-03-22 08:52 G | | 8347369.76 | 8347369.87 | 8347369.98 | 0.3690 | 0.1288 | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 18143-10-03 05:45 G | 8347929.68 | 8347929.74 | 8347929.81 | 0.3681 | 0.3064 |
| Mercury | 18147-10-06 04:04 G | 8349393.56 | 8349393.67 | 8349393.79 | 0.3691 | 0.0244 |
| Mercury | 18149-04-18 03:50 G | 8349953.54 | 8349953.66 | 8349953.78 | 0.3680 | 0.1243 |
| Mercury | 18153-04-20 23:02 G | 8351417.36 | 8351417.46 | 8351417.56 | 0.3691 | 0.1701 |
| Mercury | 18154-11-02 02:24 G | 8351977.47 | 8351977.60 | 8351977.72 | 0.3680 | 0.0681 |
| Mercury | 18158-11-04 17:45 G | 8353441.18 | 8353441.24 | 8353441.29 | 0.3692 | 0.3113 |
| Mercury | 18160-05-18 01:12 G | 8354001.47 | 8354001.55 | 8354001.64 | 0.3679 | 0.2701 |
| Mercury | 18193-04-12 12:00 G | 8366018.91 | 8366019.00 | 8366019.09 | 0.3690 | 0.2366 |
| Mercury | 18198-10-27 07:26 G | 8368042.69 | 8368042.81 | 8368042.92 | 0.3690 | 0.0805 |
| Mercury | 18200-05-10 05:02 G | 8368602.62 | 8368602.71 | 8368602.80 | 0.3681 | 0.2504 |
| Mercury | 18204-05-13 02:24 G | 8370066.49 | 8370066.60 | 8370066.72 | 0.3691 | 0.0724 |
| Mercury | 18205-11-24 03:07 G | 8370626.51 | 8370626.63 | 8370626.76 | 0.3680 | 0.0655 |
| Mercury | 18209-11-26 21:21 G | 8372090.30 | 8372090.39 | 8372090.48 | 0.3691 | 0.2156 |
| Mercury | 18211-06-10 01:40 G | 8372650.45 | 8372650.57 | 8372650.69 | 0.3679 | 0.1303 |
| Mercury | 18215-06-12 15:50 G | 8374114.13 | 8374114.16 | 8374114.19 | 0.3692 | 0.3551 |
| Mercury | 18216-12-24 00:57 G | 8374674.49 | 8374674.54 | 8374674.59 | 0.3679 | 0.3357 |
| Mercury | 18244-05-04 14:52 G | 8384668.09 | 8384668.12 | 8384668.16 | 0.3689 | 0.3481 |
| Mercury | 18249-11-18 10:33 G | 8386691.84 | 8386691.94 | 8386692.04 | 0.3690 | 0.1869 |
| Mercury | 18255-06-04 05:45 G | 8388715.63 | 8388715.74 | 8388715.86 | 0.3690 | 0.0339 |
| Mercury | 18256-12-15 04:19 G | 8389275.57 | 8389275.68 | 8389275.78 | 0.3680 | 0.1937 |
| Mercury | 18260-12-18 00:57 G | 8390739.43 | 8390739.54 | 8390739.65 | 0.3691 | 0.1177 |
| Mercury | 18262-07-01 02:24 G | 8391299.48 | 8391299.60 | 8391299.73 | 0.3680 | 0.0147 |
| Mercury | 18266-07-03 19:40 G | 8392763.24 | 8392763.32 | 8392763.40 | 0.3691 | 0.2608 |
| Mercury | 18268-01-15 01:12 G | 8393323.44 | 8393323.55 | 8393323.66 | 0.3679 | 0.1927 |
| Mercury | 18300-12-10 13:26 G | 8405341.00 | 8405341.06 | 8405341.13 | 0.3690 | 0.2972 |
| Mercury | 18306-06-26 09:07 G | 8407364.77 | 8407364.88 | 8407364.98 | 0.3690 | 0.1381 |
| Mercury | 18308-01-07 05:31 G | 8407924.67 | 8407924.73 | 8407924.79 | 0.3681 | 0.3170 |
| Mercury | 18312-01-10 04:19 G | 8409388.56 | 8409388.68 | 8409388.80 | 0.3691 | 0.0164 |
| Mercury | 18313-07-23 03:21 G | 8409948.53 | 8409948.64 | 8409948.76 | 0.3680 | 0.1364 |
| Mercury | 18317-07-25 23:16 G | 8411412.37 | 8411412.47 | 8411412.57 | 0.3691 | 0.1636 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 18319-02-06 01:55 G | 8411972.45 | 8411972.58 | 8411972.70 | 0.3680 | 0.0559 |
| Mercury | 18323-02-08 18:00 G | 8413436.18 | 8413436.25 | 8413436.31 | 0.3692 | 0.3055 |
| Mercury | 18324-08-22 00:43 G | 8413996.43 | 8413996.53 | 8413996.62 | 0.3679 | 0.2556 |
| Mercury | 18357-07-17 12:00 G | 8426013.92 | 8426014.00 | 8426014.09 | 0.3690 | 0.2467 |
| Mercury | 18363-01-31 07:26 G | 8428037.70 | 8428037.81 | 8428037.93 | 0.3691 | 0.0893 |
| Mercury | 18364-08-13 04:33 G | 8428597.61 | 8428597.69 | 8428597.78 | 0.3681 | 0.2624 |
| Mercury | 18368-08-16 02:38 G | 8430061.50 | 8430061.61 | 8430061.73 | 0.3691 | 0.0639 |
| Mercury | 18370-02-27 02:38 G | 8430621.49 | 8430621.61 | 8430621.74 | 0.3680 | 0.0778 |
| Mercury | 18374-03-01 21:36 G | 8432085.30 | 8432085.40 | 8432085.49 | 0.3691 | 0.2089 |
| Mercury | 18375-09-13 01:12 G | 8432645.43 | 8432645.55 | 8432645.67 | 0.3680 | 0.1160 |
| Mercury | 18379-09-15 16:04 G | 8434109.14 | 8434109.17 | 8434109.21 | 0.3692 | 0.3496 |
| Mercury | 18381-03-29 00:14 G | 8434669.45 | 8434669.51 | 8434669.57 | 0.3679 | 0.3209 |
| Mercury | 18408-08-07 14:52 G | 8444663.10 | 8444663.12 | 8444663.15 | 0.3690 | 0.3588 |
| Mercury | 18414-02-21 10:33 G | 8446686.84 | 8446686.94 | 8446687.04 | 0.3690 | 0.1972 |
| Mercury | 18419-09-07 06:00 G | 8448710.63 | 8448710.75 | 8448710.87 | 0.3691 | 0.0402 |
| Mercury | 18421-03-20 03:50 G | 8449270.55 | 8449270.66 | 8449270.76 | 0.3681 | 0.2058 |
| Mercury | 18425-03-23 00:57 G | 8450734.43 | 8450734.54 | 8450734.65 | 0.3691 | 0.1093 |
| Mercury | 18426-10-04 01:55 G | 8451294.45 | 8451294.58 | 8451294.71 | 0.3680 | 0.0190 |
| Mercury | 18430-10-06 19:55 G | 8452758.24 | 8452758.33 | 8452758.41 | 0.3692 | 0.2544 |
| Mercury | 18432-04-19 00:28 G | 8453318.41 | 8453318.52 | 8453318.64 | 0.3679 | 0.1787 |
| Mercury | 18465-03-14 13:26 G | 8465336.00 | 8465336.06 | 8465336.12 | 0.3690 | 0.3085 |
| Mercury | 18470-09-28 09:07 G | 8467359.77 | 8467359.88 | 8467359.99 | 0.3690 | 0.1476 |
| Mercury | 18472-04-10 05:02 G | 8467919.66 | 8467919.71 | 8467919.77 | 0.3681 | 0.3290 |
| Mercury | 18476-04-13 04:19 G | 8469383.57 | 8469383.68 | 8469383.80 | 0.3691 | 0.0082 |
| Mercury | 18477-10-25 02:52 G | 8469943.51 | 8469943.62 | 8469943.74 | 0.3680 | 0.1491 |
| Mercury | 18481-10-27 23:16 G | 8471407.37 | 8471407.47 | 8471407.58 | 0.3691 | 0.1559 |
| Mercury | 18483-05-11 01:12 G | 8471967.43 | 8471967.55 | 8471967.68 | 0.3680 | 0.0429 |
| Mercury | 18487-05-13 18:00 G | 8473431.19 | 8473431.25 | 8473431.32 | 0.3692 | 0.2993 |
| Mercury | 18488-11-24 00:00 G | 8473991.41 | 8473991.50 | 8473991.60 | 0.3679 | 0.2425 |
| Mercury | 18521-10-20 12:00 G | 8486008.92 | 8486009.00 | 8486009.09 | 0.3690 | 0.2577 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 18527-05-06 07:40 G | 8488032.70 | 8488032.82 | 8488032.93 | 0.3690 | 0.0988 |
| Mercury | 18528-11-16 04:19 G | 8488592.60 | 8488592.68 | 8488592.76 | 0.3681 | 0.2736 |
| Mercury | 18532-11-19 02:52 G | 8490056.50 | 8490056.62 | 8490056.73 | 0.3691 | 0.0567 |
| Mercury | 18534-06-02 02:09 G | 8490616.47 | 8490616.59 | 8490616.72 | 0.3680 | 0.0904 |
| Mercury | 18538-06-04 21:36 G | 8492080.31 | 8492080.40 | 8492080.50 | 0.3691 | 0.2028 |
| Mercury | 18539-12-17 00:43 G | 8492640.41 | 8492640.53 | 8492640.65 | 0.3679 | 0.1037 |
| Mercury | 18543-12-19 16:19 G | 8494104.14 | 8494104.18 | 8494104.22 | 0.3692 | 0.3437 |
| Mercury | 18545-07-01 23:31 G | 8494664.41 | 8494664.48 | 8494664.55 | 0.3679 | 0.3076 |
| Mercury | 18578-05-27 10:33 G | 8506681.85 | 8506681.94 | 8506682.04 | 0.3690 | 0.2069 |
| Mercury | 18583-12-11 06:00 G | 8508705.64 | 8508705.75 | 8508705.87 | 0.3690 | 0.0494 |
| Mercury | 18585-06-23 03:21 G | 8509265.54 | 8509265.64 | 8509265.74 | 0.3680 | 0.2171 |
| Mercury | 18589-06-26 01:12 G | 8510729.44 | 8510729.55 | 8510729.66 | 0.3691 | 0.1025 |
| Mercury | 18591-01-07 01:26 G | 8511289.44 | 8511289.56 | 8511289.69 | 0.3680 | 0.0317 |
| Mercury | 18595-01-09 19:55 G | 8512753.25 | 8512753.33 | 8512753.42 | 0.3692 | 0.2487 |
| Mercury | 18596-07-23 00:00 G | 8513313.39 | 8513313.50 | 8513313.62 | 0.3679 | 0.1663 |
| Mercury | 18629-06-18 13:26 G | 8525331.01 | 8525331.06 | 8525331.12 | 0.3690 | 0.3188 |
| Mercury | 18635-01-02 09:07 G | 8527354.78 | 8527354.88 | 8527354.99 | 0.3690 | 0.1564 |
| Mercury | 18636-07-15 04:48 G | 8527914.66 | 8527914.70 | 8527914.75 | 0.3681 | 0.3390 |
| Mercury | 18640-07-18 04:33 G | 8529378.57 | 8529378.69 | 8529378.80 | 0.3691 | 0.0078 |
| Mercury | 18642-01-29 02:38 G | 8529938.50 | 8529938.61 | 8529938.72 | 0.3680 | 0.1593 |
| Mercury | 18646-01-31 23:31 G | 8531402.38 | 8531402.48 | 8531402.59 | 0.3691 | 0.1495 |
| Mercury | 18647-08-15 00:43 G | 8531962.41 | 8531962.53 | 8531962.66 | 0.3680 | 0.0311 |
| Mercury | 18651-08-17 18:14 G | 8533426.20 | 8533426.26 | 8533426.33 | 0.3692 | 0.2941 |
| Mercury | 18653-02-27 23:31 G | 8533986.38 | 8533986.48 | 8533986.58 | 0.3679 | 0.2298 |
| Mercury | 18686-01-23 12:00 G | 8546003.92 | 8546004.00 | 8546004.08 | 0.3690 | 0.2676 |
| Mercury | 18691-08-09 07:40 G | 8548027.71 | 8548027.82 | 8548027.93 | 0.3690 | 0.1064 |
| Mercury | 18693-02-19 03:50 G | 8548587.59 | 8548587.66 | 8548587.74 | 0.3681 | 0.2841 |
| Mercury | 18697-02-22 02:52 G | 8550051.50 | 8550051.62 | 8550051.74 | 0.3691 | 0.0470 |
| Mercury | 18698-09-05 01:40 G | 8550611.45 | 8550611.57 | 8550611.70 | 0.3680 | 0.1027 |
| Mercury | 18702-09-08 21:50 G | 8552075.32 | 8552075.41 | 8552075.51 | 0.3692 | 0.1963 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 18704-03-22 00:14 G | 8552635.38 | 8552635.51 | 8552635.63 | 0.3680 | 0.0915 |
| Mercury | 18708-03-24 16:33 G | 8554099.15 | 8554099.19 | 8554099.23 | 0.3692 | 0.3378 |
| Mercury | 18709-10-05 22:48 G | 8554659.38 | 8554659.45 | 8554659.53 | 0.3679 | 0.2933 |
| Mercury | 18742-08-31 10:33 G | 8566676.85 | 8566676.94 | 8566677.04 | 0.3690 | 0.2166 |
| Mercury | 18748-03-16 06:00 G | 8568700.64 | 8568700.75 | 8568700.87 | 0.3691 | 0.0591 |
| Mercury | 18749-09-27 02:52 G | 8569260.53 | 8569260.62 | 8569260.72 | 0.3680 | 0.2290 |
| Mercury | 18753-09-30 01:12 G | 8570724.44 | 8570724.55 | 8570724.67 | 0.3691 | 0.0955 |
| Mercury | 18755-04-13 00:57 G | 8571284.42 | 8571284.54 | 8571284.67 | 0.3680 | 0.0437 |
| Mercury | 18759-04-15 20:09 G | 8572748.25 | 8572748.34 | 8572748.43 | 0.3692 | 0.2414 |
| Mercury | 18760-10-26 23:31 G | 8573308.36 | 8573308.48 | 8573308.60 | 0.3679 | 0.1525 |
| Mercury | 18766-05-12 22:19 G | 8575332.41 | 8575332.43 | 8575332.46 | 0.3679 | 0.3585 |
| Mercury | 18793-09-21 13:26 G | 8585326.01 | 8585326.06 | 8585326.11 | 0.3690 | 0.3299 |
| Mercury | 18799-04-07 09:07 G | 8587349.78 | 8587349.88 | 8587349.99 | 0.3690 | 0.1665 |
| Mercury | 18800-10-18 04:33 G | 8587909.65 | 8587909.69 | 8587909.72 | 0.3681 | 0.3507 |
| Mercury | 18804-10-21 04:33 G | 8589373.57 | 8589373.69 | 8589373.81 | 0.3691 | 0.0100 |
| Mercury | 18806-05-04 02:09 G | 8589933.48 | 8589933.59 | 8589933.70 | 0.3680 | 0.1713 |
| Mercury | 18810-05-06 23:45 G | 8591397.38 | 8591397.49 | 8591397.59 | 0.3691 | 0.1425 |
| Mercury | 18811-11-18 00:14 G | 8591957.39 | 8591957.51 | 8591957.64 | 0.3680 | 0.0182 |
| Mercury | 18815-11-20 18:28 G | 8593421.20 | 8593421.27 | 8593421.34 | 0.3692 | 0.2871 |
| Mercury | 18817-06-02 22:48 G | 8593981.35 | 8593981.45 | 8593981.56 | 0.3679 | 0.2161 |
| Mercury | 18850-04-28 12:00 G | 8605998.93 | 8605999.00 | 8605999.08 | 0.3690 | 0.2784 |
| Mercury | 18855-11-12 07:40 G | 8608022.71 | 8608022.82 | 8608022.93 | 0.3690 | 0.1163 |
| Mercury | 18857-05-25 03:36 G | 8608582.58 | 8608582.65 | 8608582.72 | 0.3680 | 0.2954 |
| Mercury | 18861-05-28 02:52 G | 8610046.51 | 8610046.62 | 8610046.74 | 0.3691 | 0.0422 |
| Mercury | 18862-12-09 01:26 G | 8610606.44 | 8610606.56 | 8610606.68 | 0.3680 | 0.1131 |
| Mercury | 18866-12-11 22:04 G | 8612070.32 | 8612070.42 | 8612070.52 | 0.3691 | 0.1893 |
| Mercury | 18868-06-23 23:45 G | 8612630.36 | 8612630.49 | 8612630.61 | 0.3679 | 0.0794 |
| Mercury | 18872-06-26 16:48 G | 8614094.15 | 8614094.20 | 8614094.25 | 0.3692 | 0.3330 |
| Mercury | 18874-01-07 22:19 G | 8614654.35 | 8614654.43 | 8614654.51 | 0.3679 | 0.2806 |
| Mercury | 18906-12-04 10:33 G | 8626671.85 | 8626671.94 | 8626672.04 | 0.3690 | 0.2269 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 18912-06-19 06:14 G | 8628695.64 | 8628695.76 | 8628695.87 | 0.3691 | 0.0666 |
| Mercury | 18913-12-31 02:38 G | 8629255.52 | 8629255.61 | 8629255.71 | 0.3680 | 0.2387 |
| Mercury | 18918-01-03 01:26 G | 8630719.45 | 8630719.56 | 8630719.67 | 0.3691 | 0.0881 |
| Mercury | 18919-07-17 00:43 G | 8631279.40 | 8631279.53 | 8631279.65 | 0.3680 | 0.0546 |
| Mercury | 18923-07-19 20:24 G | 8632743.26 | 8632743.35 | 8632743.44 | 0.3692 | 0.2358 |
| Mercury | 18925-01-29 23:02 G | 8633303.34 | 8633303.46 | 8633303.58 | 0.3679 | 0.1409 |
| Mercury | 18930-08-15 21:50 G | 8635327.37 | 8635327.41 | 8635327.45 | 0.3679 | 0.3452 |
| Mercury | 18957-12-25 13:26 G | 8645321.02 | 8645321.06 | 8645321.10 | 0.3690 | 0.3403 |
| Mercury | 18963-07-11 09:07 G | 8647344.78 | 8647344.88 | 8647344.99 | 0.3690 | 0.1757 |
| Mercury | 18965-01-21 04:19 G | 8647904.65 | 8647904.68 | 8647904.70 | 0.3681 | 0.3604 |
| Mercury | 18969-01-24 04:33 G | 8649368.58 | 8649368.69 | 8649368.81 | 0.3691 | 0.0214 |
| Mercury | 18970-08-07 01:55 G | 8649928.47 | 8649928.58 | 8649928.68 | 0.3680 | 0.1823 |
| Mercury | 18974-08-09 23:45 G | 8651392.39 | 8651392.49 | 8651392.60 | 0.3691 | 0.1361 |
| Mercury | 18976-02-21 00:00 G | 8651952.37 | 8651952.50 | 8651952.62 | 0.3680 | 0.0147 |
| Mercury | 18980-02-23 18:43 G | 8653416.21 | 8653416.28 | 8653416.35 | 0.3692 | 0.2817 |
| Mercury | 18981-09-05 22:19 G | 8653976.32 | 8653976.43 | 8653976.54 | 0.3679 | 0.2028 |

20TH MILLENNIUM CE

This is a list of transits visible from Venus in the 20th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 19014-08-02 12:00 G | | 8665993.93 | 8665994.00 | 8665994.08 | 0.3690 | 0.2881 | |
| Mercury | 19020-02-16 07:40 G | | 8668017.71 | 8668017.82 | 8668017.93 | 0.3691 | 0.1253 | |
| Mercury | 19021-08-29 03:07 G | | 8668577.57 | 8668577.63 | 8668577.70 | 0.3681 | 0.3061 | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 19025-09-01 03:07 G | 8670041.51 | 8670041.63 | 8670041.75 | 0.3691 | 0.0326 |
| Mercury | 19027-03-15 00:57 G | 8670601.42 | 8670601.54 | 8670601.66 | 0.3680 | 0.1242 |
| Mercury | 19031-03-17 22:04 G | 8672065.32 | 8672065.42 | 8672065.52 | 0.3692 | 0.1824 |
| Mercury | 19032-09-27 23:02 G | 8672625.34 | 8672625.46 | 8672625.59 | 0.3679 | 0.0670 |
| Mercury | 19036-09-30 17:02 G | 8674089.16 | 8674089.21 | 8674089.26 | 0.3692 | 0.3277 |
| Mercury | 19038-04-13 21:50 G | 8674649.32 | 8674649.41 | 8674649.49 | 0.3679 | 0.2671 |
| Mercury | 19071-03-09 10:33 G | 8686666.85 | 8686666.94 | 8686667.03 | 0.3690 | 0.2371 |
| Mercury | 19076-09-22 06:14 G | 8688690.65 | 8688690.76 | 8688690.87 | 0.3691 | 0.0749 |
| Mercury | 19078-04-05 02:24 G | 8689250.51 | 8689250.60 | 8689250.69 | 0.3680 | 0.2502 |
| Mercury | 19082-04-08 01:26 G | 8690714.45 | 8690714.56 | 8690714.68 | 0.3691 | 0.0802 |
| Mercury | 19083-10-20 00:14 G | 8691274.38 | 8691274.51 | 8691274.63 | 0.3680 | 0.0676 |
| Mercury | 19087-10-22 20:24 G | 8692738.26 | 8692738.35 | 8692738.44 | 0.3692 | 0.2295 |
| Mercury | 19089-05-04 22:19 G | 8693298.32 | 8693298.43 | 8693298.55 | 0.3679 | 0.1285 |
| Mercury | 19094-11-18 21:07 G | 8695322.33 | 8695322.38 | 8695322.44 | 0.3679 | 0.3318 |
| Mercury | 19122-03-31 13:26 G | 8705316.02 | 8705316.06 | 8705316.09 | 0.3690 | 0.3520 |
| Mercury | 19127-10-15 09:07 G | 8707339.78 | 8707339.88 | 8707339.98 | 0.3691 | 0.1855 |
| Mercury | 19133-04-30 04:48 G | 8709363.58 | 8709363.70 | 8709363.81 | 0.3691 | 0.0282 |
| Mercury | 19134-11-11 01:26 G | 8709923.45 | 8709923.56 | 8709923.67 | 0.3680 | 0.1933 |
| Mercury | 19138-11-14 00:00 G | 8711387.39 | 8711387.50 | 8711387.60 | 0.3691 | 0.1290 |
| Mercury | 19140-05-26 23:31 G | 8711947.35 | 8711947.48 | 8711947.60 | 0.3679 | 0.0142 |
| Mercury | 19144-05-29 18:57 G | 8713411.21 | 8713411.29 | 8713411.36 | 0.3692 | 0.2765 |
| Mercury | 19145-12-10 21:50 G | 8713971.30 | 8713971.41 | 8713971.52 | 0.3679 | 0.1911 |
| Mercury | 19178-11-05 12:00 G | 8725988.93 | 8725989.00 | 8725989.07 | 0.3690 | 0.2989 |
| Mercury | 19184-05-21 07:40 G | 8728012.71 | 8728012.82 | 8728012.93 | 0.3691 | 0.1345 |
| Mercury | 19185-12-02 02:52 G | 8728572.56 | 8728572.62 | 8728572.68 | 0.3680 | 0.3156 |
| Mercury | 19189-12-05 03:07 G | 8730036.52 | 8730036.63 | 8730036.75 | 0.3691 | 0.0252 |
| Mercury | 19191-06-18 00:28 G | 8730596.41 | 8730596.52 | 8730596.64 | 0.3680 | 0.1360 |
| Mercury | 19195-06-20 22:19 G | 8732060.33 | 8732060.43 | 8732060.53 | 0.3692 | 0.1764 |
| Mercury | 19196-12-31 22:48 G | 8732620.32 | 8732620.45 | 8732620.57 | 0.3679 | 0.0566 |
| Mercury | 19201-01-03 17:16 G | 8734084.16 | 8734084.22 | 8734084.27 | 0.3692 | 0.3229 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 19202-07-17 21:07 G | 8734644.29 | 8734644.38 | 8734644.48 | 0.3679 | 0.2555 |
| Mercury | 19235-06-12 10:33 G | 8746661.86 | 8746661.94 | 8746662.03 | 0.3690 | 0.2463 |
| Mercury | 19240-12-26 06:14 G | 8748685.65 | 8748685.76 | 8748685.88 | 0.3691 | 0.0834 |
| Mercury | 19242-07-09 01:55 G | 8749245.50 | 8749245.58 | 8749245.67 | 0.3680 | 0.2600 |
| Mercury | 19246-07-12 01:40 G | 8750709.45 | 8750709.57 | 8750709.68 | 0.3691 | 0.0739 |
| Mercury | 19248-01-22 23:45 G | 8751269.37 | 8751269.49 | 8751269.61 | 0.3680 | 0.0765 |
| Mercury | 19252-01-25 20:38 G | 8752733.27 | 8752733.36 | 8752733.45 | 0.3692 | 0.2243 |
| Mercury | 19253-08-07 22:04 G | 8753293.30 | 8753293.42 | 8753293.54 | 0.3679 | 0.1172 |
| Mercury | 19257-08-10 15:21 G | 8754757.14 | 8754757.14 | 8754757.15 | 0.3692 | 0.3688 |
| Mercury | 19259-02-21 20:38 G | 8755317.30 | 8755317.36 | 8755317.42 | 0.3679 | 0.3204 |
| Mercury | 19286-07-03 13:26 G | 8765311.04 | 8765311.06 | 8765311.08 | 0.3690 | 0.3622 |
| Mercury | 19292-01-17 09:21 G | 8767334.79 | 8767334.89 | 8767334.99 | 0.3691 | 0.1944 |
| Mercury | 19297-08-02 04:48 G | 8769358.58 | 8769358.70 | 8769358.82 | 0.3691 | 0.0328 |
| Mercury | 19299-02-13 01:12 G | 8769918.44 | 8769918.55 | 8769918.65 | 0.3680 | 0.2031 |
| Mercury | 19303-02-17 00:00 G | 8771382.39 | 8771382.50 | 8771382.61 | 0.3692 | 0.1220 |
| Mercury | 19304-08-29 23:02 G | 8771942.33 | 8771942.46 | 8771942.58 | 0.3680 | 0.0193 |
| Mercury | 19308-09-01 18:57 G | 8773406.22 | 8773406.29 | 8773406.37 | 0.3692 | 0.2716 |
| Mercury | 19310-03-15 21:21 G | 8773966.28 | 8773966.39 | 8773966.50 | 0.3679 | 0.1794 |
| Mercury | 19343-02-08 12:00 G | 8785983.94 | 8785984.00 | 8785984.06 | 0.3690 | 0.3089 |
| Mercury | 19348-08-24 07:55 G | 8788007.72 | 8788007.83 | 8788007.93 | 0.3691 | 0.1431 |
| Mercury | 19350-03-07 02:38 G | 8788567.56 | 8788567.61 | 8788567.67 | 0.3680 | 0.3252 |
| Mercury | 19354-03-10 03:07 G | 8790031.52 | 8790031.63 | 8790031.75 | 0.3691 | 0.0210 |
| Mercury | 19355-09-21 00:14 G | 8790591.39 | 8790591.51 | 8790591.62 | 0.3680 | 0.1467 |
| Mercury | 19359-09-23 22:33 G | 8792055.33 | 8792055.44 | 8792055.54 | 0.3692 | 0.1710 |
| Mercury | 19361-04-05 22:19 G | 8792615.30 | 8792615.43 | 8792615.55 | 0.3679 | 0.0451 |
| Mercury | 19365-04-08 17:16 G | 8794079.16 | 8794079.22 | 8794079.28 | 0.3692 | 0.3170 |
| Mercury | 19366-10-20 20:38 G | 8794639.26 | 8794639.36 | 8794639.46 | 0.3679 | 0.2423 |
| Mercury | 19399-09-15 10:33 G | 8806656.86 | 8806656.94 | 8806657.03 | 0.3690 | 0.2559 |
| Mercury | 19405-04-01 06:14 G | 8808680.65 | 8808680.76 | 8808680.88 | 0.3691 | 0.0923 |
| Mercury | 19406-10-13 01:40 G | 8809240.49 | 8809240.57 | 8809240.65 | 0.3680 | 0.2704 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 19410-10-16 01:40 G | 8810704.46 | 8810704.57 | 8810704.69 | 0.3692 | 0.0659 |
| Mercury | 19412-04-27 23:16 G | 8811264.35 | 8811264.47 | 8811264.60 | 0.3680 | 0.0880 |
| Mercury | 19416-04-30 20:52 G | 8812728.27 | 8812728.37 | 8812728.46 | 0.3692 | 0.2179 |
| Mercury | 19417-11-11 21:21 G | 8813288.27 | 8813288.39 | 8813288.52 | 0.3679 | 0.1052 |
| Mercury | 19421-11-14 15:36 G | 8814752.13 | 8814752.15 | 8814752.17 | 0.3692 | 0.3632 |
| Mercury | 19423-05-28 20:09 G | 8815312.27 | 8815312.34 | 8815312.40 | 0.3678 | 0.3076 |
| Mercury | 19456-04-22 09:07 G | 8827329.78 | 8827329.88 | 8827329.98 | 0.3691 | 0.2043 |
| Mercury | 19461-11-06 04:48 G | 8829353.58 | 8829353.70 | 8829353.82 | 0.3691 | 0.0415 |
| Mercury | 19463-05-20 00:43 G | 8829913.43 | 8829913.53 | 8829913.63 | 0.3680 | 0.2138 |
| Mercury | 19467-05-23 00:14 G | 8831377.39 | 8831377.51 | 8831377.62 | 0.3692 | 0.1160 |
| Mercury | 19468-12-02 22:33 G | 8831937.31 | 8831937.44 | 8831937.57 | 0.3679 | 0.0280 |
| Mercury | 19472-12-05 19:12 G | 8833401.22 | 8833401.30 | 8833401.38 | 0.3692 | 0.2653 |
| Mercury | 19474-06-18 20:52 G | 8833961.25 | 8833961.37 | 8833961.48 | 0.3679 | 0.1676 |
| Mercury | 19507-05-15 12:00 G | 8845978.94 | 8845979.00 | 8845979.05 | 0.3690 | 0.3197 |
| Mercury | 19512-11-28 07:40 G | 8848002.72 | 8848002.82 | 8848002.93 | 0.3691 | 0.1522 |
| Mercury | 19514-06-11 02:24 G | 8848562.55 | 8848562.60 | 8848562.65 | 0.3680 | 0.3353 |
| Mercury | 19518-06-14 03:21 G | 8850026.52 | 8850026.64 | 8850026.76 | 0.3691 | 0.0109 |
| Mercury | 19519-12-26 00:00 G | 8850586.38 | 8850586.50 | 8850586.61 | 0.3680 | 0.1562 |
| Mercury | 19523-12-28 22:33 G | 8852050.34 | 8852050.44 | 8852050.54 | 0.3692 | 0.1640 |
| Mercury | 19525-07-10 21:50 G | 8852610.28 | 8852610.41 | 8852610.53 | 0.3679 | 0.0330 |
| Mercury | 19529-07-13 17:31 G | 8854074.17 | 8854074.23 | 8854074.29 | 0.3692 | 0.3124 |
| Mercury | 19531-01-24 20:09 G | 8854634.24 | 8854634.34 | 8854634.44 | 0.3679 | 0.2315 |
| Mercury | 19563-12-20 10:33 G | 8866651.86 | 8866651.94 | 8866652.02 | 0.3690 | 0.2660 |
| Mercury | 19569-07-05 06:14 G | 8868675.65 | 8868675.76 | 8868675.88 | 0.3691 | 0.1006 |
| Mercury | 19571-01-16 01:26 G | 8869235.48 | 8869235.56 | 8869235.64 | 0.3680 | 0.2796 |
| Mercury | 19575-01-19 01:55 G | 8870699.46 | 8870699.58 | 8870699.69 | 0.3692 | 0.0613 |
| Mercury | 19576-07-31 23:02 G | 8871259.34 | 8871259.46 | 8871259.58 | 0.3680 | 0.0972 |
| Mercury | 19580-08-03 20:52 G | 8872723.28 | 8872723.37 | 8872723.47 | 0.3692 | 0.2126 |
| Mercury | 19582-02-14 21:07 G | 8873283.25 | 8873283.38 | 8873283.50 | 0.3679 | 0.0945 |
| Mercury | 19586-02-17 15:50 G | 8874747.14 | 8874747.16 | 8874747.18 | 0.3693 | 0.3592 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 19587-08-31 19:26 G | 8875307.24 | 8875307.31 | 8875307.39 | 0.3679 | 0.2956 |
| Mercury | 19620-07-26 09:07 G | 8887324.79 | 8887324.88 | 8887324.98 | 0.3691 | 0.2130 |
| Mercury | 19626-02-09 04:48 G | 8889348.59 | 8889348.70 | 8889348.82 | 0.3691 | 0.0495 |
| Mercury | 19627-08-23 00:28 G | 8889908.42 | 8889908.52 | 8889908.62 | 0.3680 | 0.2234 |
| Mercury | 19631-08-26 00:14 G | 8891372.40 | 8891372.51 | 8891372.62 | 0.3692 | 0.1093 |
| Mercury | 19633-03-07 22:04 G | 8891932.30 | 8891932.42 | 8891932.55 | 0.3679 | 0.0402 |
| Mercury | 19637-03-10 19:12 G | 8893396.22 | 8893396.30 | 8893396.38 | 0.3692 | 0.2601 |
| Mercury | 19638-09-21 20:24 G | 8893956.23 | 8893956.35 | 8893956.46 | 0.3679 | 0.1564 |
| Mercury | 19644-04-06 18:57 G | 8895980.27 | 8895980.29 | 8895980.31 | 0.3678 | 0.3611 |
| Mercury | 19671-08-17 12:00 G | 8905973.94 | 8905974.00 | 8905974.05 | 0.3690 | 0.3293 |
| Mercury | 19677-03-02 07:40 G | 8907997.72 | 8907997.82 | 8907997.93 | 0.3691 | 0.1612 |
| Mercury | 19678-09-13 02:09 G | 8908557.55 | 8908557.59 | 8908557.63 | 0.3680 | 0.3452 |
| Mercury | 19682-09-16 03:21 G | 8910021.52 | 8910021.64 | 8910021.76 | 0.3691 | 0.0048 |
| Mercury | 19684-03-28 23:31 G | 8910581.37 | 8910581.48 | 8910581.59 | 0.3680 | 0.1657 |
| Mercury | 19688-03-31 22:33 G | 8912045.34 | 8912045.44 | 8912045.55 | 0.3692 | 0.1576 |
| Mercury | 19689-10-12 21:21 G | 8912605.26 | 8912605.39 | 8912605.51 | 0.3679 | 0.0220 |
| Mercury | 19693-10-15 17:31 G | 8914069.17 | 8914069.23 | 8914069.30 | 0.3693 | 0.3078 |
| Mercury | 19695-04-28 19:40 G | 8914629.22 | 8914629.32 | 8914629.42 | 0.3679 | 0.2195 |
| Mercury | 19728-03-24 10:33 G | 8926646.86 | 8926646.94 | 8926647.01 | 0.3691 | 0.2767 |
| Mercury | 19733-10-08 06:14 G | 8928670.65 | 8928670.76 | 8928670.88 | 0.3691 | 0.1090 |
| Mercury | 19735-04-21 00:57 G | 8929230.47 | 8929230.54 | 8929230.62 | 0.3680 | 0.2900 |
| Mercury | 19739-04-24 01:55 G | 8930694.46 | 8930694.58 | 8930694.69 | 0.3692 | 0.0539 |
| Mercury | 19740-11-03 22:33 G | 8931254.32 | 8931254.44 | 8931254.56 | 0.3679 | 0.1084 |
| Mercury | 19744-11-06 21:07 G | 8932718.28 | 8932718.38 | 8932718.47 | 0.3692 | 0.2066 |
| Mercury | 19746-05-20 20:38 G | 8933278.23 | 8933278.36 | 8933278.48 | 0.3679 | 0.0835 |
| Mercury | 19750-05-23 16:04 G | 8934742.14 | 8934742.17 | 8934742.19 | 0.3692 | 0.3547 |
| Mercury | 19751-12-04 18:57 G | 8935302.21 | 8935302.29 | 8935302.37 | 0.3678 | 0.2838 |
| Mercury | 19784-10-29 09:07 G | 8947319.79 | 8947319.88 | 8947319.97 | 0.3691 | 0.2228 |
| Mercury | 19790-05-15 04:48 G | 8949343.59 | 8949343.70 | 8949343.82 | 0.3691 | 0.0577 |
| Mercury | 19791-11-26 00:14 G | 8949903.41 | 8949903.51 | 8949903.60 | 0.3680 | 0.2333 |

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| Mercury | 19795-11-29 00:14 G | 8951367.40 | 8951367.51 | 8951367.62 | 0.3692 | 0.1022 |
| Mercury | 19797-06-10 21:50 G | 8951927.28 | 8951927.41 | 8951927.53 | 0.3679 | 0.0498 |
| Mercury | 19801-06-14 19:26 G | 8953391.23 | 8953391.31 | 8953391.39 | 0.3692 | 0.2549 |
| Mercury | 19802-12-26 19:55 G | 8953951.21 | 8953951.33 | 8953951.44 | 0.3679 | 0.1459 |
| Mercury | 19808-07-11 18:28 G | 8955975.23 | 8955975.27 | 8955975.30 | 0.3678 | 0.3495 |
| Mercury | 19835-11-21 11:45 G | 8965968.95 | 8965968.99 | 8965969.03 | 0.3690 | 0.3404 |
| Mercury | 19841-06-06 07:40 G | 8967992.72 | 8967992.82 | 8967992.93 | 0.3691 | 0.1695 |
| Mercury | 19842-12-18 01:55 G | 8968552.55 | 8968552.58 | 8968552.61 | 0.3680 | 0.3537 |
| Mercury | 19846-12-21 03:21 G | 8970016.52 | 8970016.64 | 8970016.76 | 0.3691 | 0.0067 |
| Mercury | 19848-07-02 23:16 G | 8970576.36 | 8970576.47 | 8970576.58 | 0.3680 | 0.1756 |
| Mercury | 19852-07-05 22:48 G | 8972040.34 | 8972040.45 | 8972040.55 | 0.3692 | 0.1522 |
| Mercury | 19854-01-16 20:52 G | 8972600.25 | 8972600.37 | 8972600.50 | 0.3679 | 0.0148 |
| Mercury | 19858-01-19 17:45 G | 8974064.18 | 8974064.24 | 8974064.31 | 0.3692 | 0.3033 |
| Mercury | 19859-08-02 19:12 G | 8974624.20 | 8974624.30 | 8974624.40 | 0.3679 | 0.2093 |
| Mercury | 19892-06-27 10:33 G | 8986641.86 | 8986641.94 | 8986642.01 | 0.3691 | 0.2858 |
| Mercury | 19898-01-11 06:28 G | 8988665.65 | 8988665.77 | 8988665.88 | 0.3691 | 0.1172 |
| Mercury | 19899-07-25 00:57 G | 8989225.47 | 8989225.54 | 8989225.61 | 0.3680 | 0.2978 |
| Mercury | 19903-07-29 01:55 G | 8990689.46 | 8990689.58 | 8990689.70 | 0.3692 | 0.0456 |
| Mercury | 19905-02-07 22:19 G | 8991249.31 | 8991249.43 | 8991249.55 | 0.3679 | 0.1172 |
| Mercury | 19909-02-10 21:07 G | 8992713.29 | 8992713.38 | 8992713.48 | 0.3692 | 0.2016 |
| Mercury | 19910-08-24 20:09 G | 8993273.22 | 8993273.34 | 8993273.46 | 0.3679 | 0.0732 |
| Mercury | 19914-08-27 16:04 G | 8994737.14 | 8994737.17 | 8994737.21 | 0.3693 | 0.3512 |
| Mercury | 19916-03-09 18:28 G | 8995297.19 | 8995297.27 | 8995297.36 | 0.3678 | 0.2735 |
| Mercury | 19949-02-02 09:07 G | 9007314.79 | 9007314.88 | 9007314.97 | 0.3691 | 0.2311 |
| Mercury | 19954-08-19 04:48 G | 9009338.59 | 9009338.70 | 9009338.82 | 0.3691 | 0.0659 |
| Mercury | 19956-02-29 23:45 G | 9009898.40 | 9009898.49 | 9009898.59 | 0.3680 | 0.2419 |
| Mercury | 19960-03-04 00:28 G | 9011362.40 | 9011362.52 | 9011362.63 | 0.3692 | 0.0968 |
| Mercury | 19961-09-14 21:21 G | 9011922.27 | 9011922.39 | 9011922.51 | 0.3679 | 0.0590 |
| Mercury | 19965-09-17 19:40 G | 9013386.23 | 9013386.32 | 9013386.40 | 0.3692 | 0.2506 |
| Mercury | 19967-03-31 19:26 G | 9013946.19 | 9013946.31 | 9013946.43 | 0.3679 | 0.1353 |

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| Mercury | 19972-10-14 17:45 G | 9015970.19 | 9015970.24 | 9015970.29 | 0.3678 | 0.3375 |
| Mercury | 20000-02-24 11:45 G | 9025963.95 | 9025963.99 | 9025964.02 | 0.3691 | 0.3506 |

21ST MILLENNIUM CE

This is a list of transits visible from Venus in the 21st millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 20005-09-09 07:40 G | | 9027987.72 | 9027987.82 | 9027987.93 | 0.3691 | 0.1777 | |
| Mercury | 20007-03-23 01:40 G | | 9028547.55 | 9028547.57 | 9028547.59 | 0.3680 | 0.3621 | |
| Mercury | 20011-03-26 03:21 G | | 9030011.52 | 9030011.64 | 9030011.76 | 0.3692 | 0.0139 | |
| Mercury | 20012-10-05 22:48 G | | 9030571.35 | 9030571.45 | 9030571.56 | 0.3680 | 0.1855 | |
| Mercury | 20016-10-08 22:48 G | | 9032035.34 | 9032035.45 | 9032035.56 | 0.3692 | 0.1461 | |
| Mercury | 20018-04-21 20:38 G | | 9032595.23 | 9032595.36 | 9032595.48 | 0.3679 | 0.0104 | |
| Mercury | 20022-04-24 18:00 G | | 9034059.18 | 9034059.25 | 9034059.31 | 0.3692 | 0.2981 | |
| Mercury | 20023-11-05 18:43 G | | 9034619.17 | 9034619.28 | 9034619.38 | 0.3678 | 0.1978 | |
| Mercury | 20056-09-30 10:19 G | | 9046636.86 | 9046636.93 | 9046637.00 | 0.3691 | 0.2953 | |
| Mercury | 20062-04-16 06:14 G | | 9048660.65 | 9048660.76 | 9048660.87 | 0.3691 | 0.1256 | |
| Mercury | 20063-10-28 00:28 G | | 9049220.46 | 9049220.52 | 9049220.59 | 0.3680 | 0.3076 | |
| Mercury | 20067-10-31 01:55 G | | 9050684.46 | 9050684.58 | 9050684.70 | 0.3692 | 0.0383 | |
| Mercury | 20069-05-12 21:50 G | | 9051244.30 | 9051244.41 | 9051244.53 | 0.3679 | 0.1277 | |
| Mercury | 20073-05-15 21:07 G | | 9052708.29 | 9052708.38 | 9052708.48 | 0.3692 | 0.1957 | |
| Mercury | 20074-11-26 19:40 G | | 9053268.20 | 9053268.32 | 9053268.45 | 0.3679 | 0.0626 | |
| Mercury | 20078-11-29 16:19 G | | 9054732.14 | 9054732.18 | 9054732.21 | 0.3693 | 0.3460 | |
| Mercury | 20080-06-11 18:00 G | | 9055292.16 | 9055292.25 | 9055292.34 | 0.3678 | 0.2619 | |

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| Mercury | 20113-05-08 09:07 G | 9067309.79 | 9067309.88 | 9067309.96 | 0.3691 | 0.2415 |
| Mercury | 20118-11-22 04:48 G | 9069333.59 | 9069333.70 | 9069333.82 | 0.3691 | 0.0729 |
| Mercury | 20120-06-03 23:31 G | 9069893.39 | 9069893.48 | 9069893.57 | 0.3680 | 0.2511 |
| Mercury | 20124-06-07 00:28 G | 9071357.40 | 9071357.52 | 9071357.63 | 0.3692 | 0.0898 |
| Mercury | 20125-12-18 21:07 G | 9071917.25 | 9071917.38 | 9071917.50 | 0.3679 | 0.0684 |
| Mercury | 20129-12-21 19:40 G | 9073381.23 | 9073381.32 | 9073381.40 | 0.3692 | 0.2448 |
| Mercury | 20131-07-04 18:57 G | 9073941.17 | 9073941.29 | 9073941.41 | 0.3679 | 0.1248 |
| Mercury | 20137-01-17 17:16 G | 9075965.17 | 9075965.22 | 9075965.28 | 0.3678 | 0.3278 |
| Mercury | 20164-05-29 11:31 G | 9085958.96 | 9085958.98 | 9085959.00 | 0.3690 | 0.3606 |
| Mercury | 20169-12-13 07:40 G | 9087982.72 | 9087982.82 | 9087982.92 | 0.3691 | 0.1869 |
| Mercury | 20175-06-29 03:21 G | 9090006.53 | 9090006.64 | 9090006.76 | 0.3691 | 0.0230 |
| Mercury | 20177-01-08 22:33 G | 9090566.34 | 9090566.44 | 9090566.55 | 0.3679 | 0.1937 |
| Mercury | 20181-01-11 23:02 G | 9092030.35 | 9092030.46 | 9092030.56 | 0.3692 | 0.1411 |
| Mercury | 20182-07-25 20:09 G | 9092590.22 | 9092590.34 | 9092590.47 | 0.3679 | 0.0107 |
| Mercury | 20186-07-28 18:00 G | 9094054.18 | 9094054.25 | 9094054.32 | 0.3692 | 0.2940 |
| Mercury | 20188-02-08 18:14 G | 9094614.15 | 9094614.26 | 9094614.37 | 0.3678 | 0.1880 |
| Mercury | 20221-01-04 10:19 G | 9106631.86 | 9106631.93 | 9106631.99 | 0.3691 | 0.3048 |
| Mercury | 20226-07-21 06:14 G | 9108655.65 | 9108655.76 | 9108655.87 | 0.3691 | 0.1332 |
| Mercury | 20228-02-01 00:14 G | 9109215.45 | 9109215.51 | 9109215.58 | 0.3680 | 0.3157 |
| Mercury | 20232-02-04 01:55 G | 9110679.47 | 9110679.58 | 9110679.70 | 0.3692 | 0.0336 |
| Mercury | 20233-08-16 21:36 G | 9111239.29 | 9111239.40 | 9111239.52 | 0.3679 | 0.1360 |
| Mercury | 20237-08-19 21:21 G | 9112703.29 | 9112703.39 | 9112703.49 | 0.3692 | 0.1905 |
| Mercury | 20239-03-02 19:26 G | 9113263.18 | 9113263.31 | 9113263.43 | 0.3679 | 0.0541 |
| Mercury | 20243-03-05 16:19 G | 9114727.14 | 9114727.18 | 9114727.22 | 0.3693 | 0.3426 |
| Mercury | 20244-09-15 17:31 G | 9115287.14 | 9115287.23 | 9115287.32 | 0.3678 | 0.2515 |
| Mercury | 20277-08-11 08:52 G | 9127304.79 | 9127304.87 | 9127304.96 | 0.3691 | 0.2501 |
| Mercury | 20283-02-25 04:48 G | 9129328.59 | 9129328.70 | 9129328.82 | 0.3691 | 0.0807 |
| Mercury | 20284-09-06 23:16 G | 9129888.38 | 9129888.47 | 9129888.56 | 0.3680 | 0.2600 |
| Mercury | 20288-09-10 00:28 G | 9131352.41 | 9131352.52 | 9131352.64 | 0.3692 | 0.0841 |
| Mercury | 20290-03-23 20:38 G | 9131912.24 | 9131912.36 | 9131912.49 | 0.3679 | 0.0775 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 20294-03-26 19:40 G | 9133376.24 | 9133376.32 | 9133376.41 | 0.3693 | 0.2399 |
| Mercury | 20295-10-07 18:28 G | 9133936.15 | 9133936.27 | 9133936.39 | 0.3679 | 0.1143 |
| Mercury | 20301-04-23 16:48 G | 9135960.14 | 9135960.20 | 9135960.26 | 0.3678 | 0.3168 |
| Mercury | 20334-03-19 07:40 G | 9147977.72 | 9147977.82 | 9147977.92 | 0.3691 | 0.1962 |
| Mercury | 20339-10-03 03:21 G | 9150001.53 | 9150001.64 | 9150001.76 | 0.3692 | 0.0297 |
| Mercury | 20341-04-14 22:19 G | 9150561.33 | 9150561.43 | 9150561.53 | 0.3680 | 0.2030 |
| Mercury | 20345-04-17 22:48 G | 9152025.35 | 9152025.45 | 9152025.56 | 0.3692 | 0.1347 |
| Mercury | 20346-10-29 19:40 G | 9152585.20 | 9152585.32 | 9152585.45 | 0.3679 | 0.0217 |
| Mercury | 20350-11-01 18:14 G | 9154049.19 | 9154049.26 | 9154049.33 | 0.3693 | 0.2894 |
| Mercury | 20352-05-14 17:45 G | 9154609.13 | 9154609.24 | 9154609.35 | 0.3678 | 0.1774 |
| Mercury | 20385-04-09 10:04 G | 9166626.86 | 9166626.92 | 9166626.98 | 0.3691 | 0.3153 |
| Mercury | 20390-10-24 06:14 G | 9168650.65 | 9168650.76 | 9168650.87 | 0.3691 | 0.1415 |
| Mercury | 20392-05-06 00:00 G | 9169210.45 | 9169210.50 | 9169210.56 | 0.3680 | 0.3246 |
| Mercury | 20396-05-09 01:55 G | 9170674.46 | 9170674.58 | 9170674.70 | 0.3692 | 0.0256 |
| Mercury | 20397-11-19 21:21 G | 9171234.27 | 9171234.39 | 9171234.50 | 0.3679 | 0.1453 |
| Mercury | 20401-11-22 21:21 G | 9172698.29 | 9172698.39 | 9172698.49 | 0.3692 | 0.1848 |
| Mercury | 20403-06-05 18:57 G | 9173258.16 | 9173258.29 | 9173258.41 | 0.3679 | 0.0436 |
| Mercury | 20407-06-08 16:33 G | 9174722.15 | 9174722.19 | 9174722.23 | 0.3693 | 0.3382 |
| Mercury | 20408-12-19 17:02 G | 9175282.12 | 9175282.21 | 9175282.30 | 0.3678 | 0.2420 |
| Mercury | 20441-11-14 08:52 G | 9187299.78 | 9187299.87 | 9187299.95 | 0.3691 | 0.2597 |
| Mercury | 20447-05-31 04:48 G | 9189323.59 | 9189323.70 | 9189323.82 | 0.3691 | 0.0879 |
| Mercury | 20448-12-10 23:02 G | 9189883.38 | 9189883.46 | 9189883.54 | 0.3680 | 0.2683 |
| Mercury | 20452-12-14 00:28 G | 9191347.41 | 9191347.52 | 9191347.63 | 0.3692 | 0.0769 |
| Mercury | 20454-06-26 20:24 G | 9191907.23 | 9191907.35 | 9191907.47 | 0.3679 | 0.0861 |
| Mercury | 20458-06-29 19:55 G | 9193371.24 | 9193371.33 | 9193371.42 | 0.3692 | 0.2355 |
| Mercury | 20460-01-10 18:00 G | 9193931.13 | 9193931.25 | 9193931.37 | 0.3678 | 0.1062 |
| Mercury | 20465-07-26 16:19 G | 9195955.11 | 9195955.18 | 9195955.25 | 0.3678 | 0.3070 |
| Mercury | 20498-06-21 07:26 G | 9207972.72 | 9207972.81 | 9207972.91 | 0.3691 | 0.2044 |
| Mercury | 20504-01-06 03:21 G | 9209996.53 | 9209996.64 | 9209996.76 | 0.3691 | 0.0357 |
| Mercury | 20505-07-18 22:04 G | 9210556.32 | 9210556.42 | 9210556.52 | 0.3679 | 0.2109 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 20509-07-21 23:02 G | 9212020.35 | 9212020.46 | 9212020.57 | 0.3692 | 0.1290 |
| Mercury | 20511-02-01 19:26 G | 9212580.19 | 9212580.31 | 9212580.44 | 0.3679 | 0.0267 |
| Mercury | 20515-02-04 18:14 G | 9214044.19 | 9214044.26 | 9214044.33 | 0.3693 | 0.2857 |
| Mercury | 20516-08-17 17:16 G | 9214604.11 | 9214604.22 | 9214604.34 | 0.3678 | 0.1693 |
| Mercury | 20549-07-13 10:04 G | 9226621.86 | 9226621.92 | 9226621.97 | 0.3691 | 0.3243 |
| Mercury | 20555-01-27 06:14 G | 9228645.65 | 9228645.76 | 9228645.87 | 0.3691 | 0.1488 |
| Mercury | 20556-08-09 00:00 G | 9229205.45 | 9229205.50 | 9229205.55 | 0.3680 | 0.3318 |
| Mercury | 20560-08-12 01:55 G | 9230669.47 | 9230669.58 | 9230669.70 | 0.3692 | 0.0220 |
| Mercury | 20562-02-22 21:07 G | 9231229.27 | 9231229.38 | 9231229.49 | 0.3679 | 0.1529 |
| Mercury | 20566-02-25 21:36 G | 9232693.29 | 9232693.40 | 9232693.50 | 0.3692 | 0.1806 |
| Mercury | 20567-09-08 18:28 G | 9233253.15 | 9233253.27 | 9233253.40 | 0.3679 | 0.0362 |
| Mercury | 20571-09-11 16:48 G | 9234717.15 | 9234717.20 | 9234717.24 | 0.3693 | 0.3352 |
| Mercury | 20573-03-24 16:33 G | 9235277.09 | 9235277.19 | 9235277.29 | 0.3678 | 0.2329 |
| Mercury | 20606-02-18 08:52 G | 9247294.79 | 9247294.87 | 9247294.95 | 0.3691 | 0.2682 |
| Mercury | 20611-09-04 04:48 G | 9249318.59 | 9249318.70 | 9249318.82 | 0.3691 | 0.0946 |
| Mercury | 20613-03-16 22:48 G | 9249878.37 | 9249878.45 | 9249878.53 | 0.3680 | 0.2757 |
| Mercury | 20617-03-20 00:28 G | 9251342.41 | 9251342.52 | 9251342.64 | 0.3692 | 0.0710 |
| Mercury | 20618-09-30 19:55 G | 9251902.21 | 9251902.33 | 9251902.45 | 0.3679 | 0.0960 |
| Mercury | 20622-10-03 19:55 G | 9253366.24 | 9253366.33 | 9253366.42 | 0.3693 | 0.2313 |
| Mercury | 20624-04-15 17:45 G | 9253926.12 | 9253926.24 | 9253926.36 | 0.3679 | 0.0964 |
| Mercury | 20629-10-30 15:50 G | 9255950.09 | 9255950.16 | 9255950.23 | 0.3678 | 0.2965 |
| Mercury | 20662-09-25 07:26 G | 9267967.72 | 9267967.81 | 9267967.91 | 0.3691 | 0.2121 |
| Mercury | 20668-04-10 03:21 G | 9269991.52 | 9269991.64 | 9269991.76 | 0.3692 | 0.0418 |
| Mercury | 20669-10-21 21:50 G | 9270551.31 | 9270551.41 | 9270551.50 | 0.3679 | 0.2196 |
| Mercury | 20673-10-24 23:02 G | 9272015.35 | 9272015.46 | 9272015.57 | 0.3692 | 0.1233 |
| Mercury | 20675-05-07 19:12 G | 9272575.17 | 9272575.30 | 9272575.42 | 0.3679 | 0.0366 |
| Mercury | 20679-05-10 18:14 G | 9274039.19 | 9274039.26 | 9274039.34 | 0.3693 | 0.2808 |
| Mercury | 20680-11-20 16:48 G | 9274599.09 | 9274599.20 | 9274599.32 | 0.3678 | 0.1591 |
| Mercury | 20686-06-06 15:07 G | 9276623.11 | 9276623.13 | 9276623.15 | 0.3678 | 0.3622 |
| Mercury | 20713-10-17 09:50 G | 9286616.87 | 9286616.91 | 9286616.96 | 0.3691 | 0.3344 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 20719-05-03 06:00 G | 9288640.65 | 9288640.75 | 9288640.86 | 0.3691 | 0.1581 |
| Mercury | 20720-11-12 23:45 G | 9289200.44 | 9289200.49 | 9289200.53 | 0.3680 | 0.3407 |
| Mercury | 20724-11-16 01:55 G | 9290664.46 | 9290664.58 | 9290664.70 | 0.3692 | 0.0122 |
| Mercury | 20726-05-29 20:38 G | 9291224.25 | 9291224.36 | 9291224.47 | 0.3679 | 0.1621 |
| Mercury | 20730-06-01 21:36 G | 9292688.29 | 9292688.40 | 9292688.50 | 0.3692 | 0.1750 |
| Mercury | 20731-12-13 18:14 G | 9293248.13 | 9293248.26 | 9293248.38 | 0.3679 | 0.0258 |
| Mercury | 20735-12-16 16:48 G | 9294712.15 | 9294712.20 | 9294712.25 | 0.3693 | 0.3306 |
| Mercury | 20737-06-28 16:04 G | 9295272.07 | 9295272.17 | 9295272.27 | 0.3678 | 0.2227 |
| Mercury | 20770-05-24 08:38 G | 9307289.78 | 9307289.86 | 9307289.94 | 0.3691 | 0.2776 |
| Mercury | 20775-12-08 04:48 G | 9309313.58 | 9309313.70 | 9309313.81 | 0.3691 | 0.1030 |
| Mercury | 20777-06-19 22:33 G | 9309873.37 | 9309873.44 | 9309873.52 | 0.3680 | 0.2839 |
| Mercury | 20781-06-23 00:28 G | 9311337.41 | 9311337.52 | 9311337.64 | 0.3692 | 0.0661 |
| Mercury | 20783-01-03 19:40 G | 9311897.20 | 9311897.32 | 9311897.44 | 0.3679 | 0.1033 |
| Mercury | 20787-01-06 19:55 G | 9313361.24 | 9313361.33 | 9313361.43 | 0.3692 | 0.2264 |
| Mercury | 20788-07-19 17:16 G | 9313921.10 | 9313921.22 | 9313921.35 | 0.3678 | 0.0888 |
| Mercury | 20794-02-02 15:21 G | 9315945.06 | 9315945.14 | 9315945.22 | 0.3678 | 0.2878 |
| Mercury | 20826-12-29 07:26 G | 9327962.71 | 9327962.81 | 9327962.90 | 0.3691 | 0.2212 |
| Mercury | 20832-07-14 03:21 G | 9329986.52 | 9329986.64 | 9329986.76 | 0.3692 | 0.0480 |
| Mercury | 20834-01-24 21:36 G | 9330546.30 | 9330546.40 | 9330546.49 | 0.3679 | 0.2267 |
| Mercury | 20838-01-27 23:02 G | 9332010.35 | 9332010.46 | 9332010.57 | 0.3692 | 0.1185 |
| Mercury | 20839-08-10 18:57 G | 9332570.16 | 9332570.29 | 9332570.41 | 0.3679 | 0.0448 |
| Mercury | 20843-08-13 18:28 G | 9334034.19 | 9334034.27 | 9334034.34 | 0.3693 | 0.2770 |
| Mercury | 20845-02-23 16:33 G | 9334594.07 | 9334594.19 | 9334594.30 | 0.3678 | 0.1506 |
| Mercury | 20850-09-09 14:38 G | 9336618.08 | 9336618.11 | 9336618.14 | 0.3678 | 0.3532 |
| Mercury | 20878-01-19 09:50 G | 9346611.87 | 9346611.91 | 9346611.95 | 0.3691 | 0.3434 |
| Mercury | 20883-08-05 06:00 G | 9348635.65 | 9348635.75 | 9348635.86 | 0.3691 | 0.1652 |
| Mercury | 20885-02-14 23:31 G | 9349195.44 | 9349195.48 | 9349195.52 | 0.3680 | 0.3469 |
| Mercury | 20889-02-18 01:55 G | 9350659.47 | 9350659.58 | 9350659.70 | 0.3692 | 0.0121 |
| Mercury | 20890-08-31 20:24 G | 9351219.25 | 9351219.35 | 9351219.46 | 0.3679 | 0.1698 |
| Mercury | 20894-09-03 21:36 G | 9352683.30 | 9352683.40 | 9352683.50 | 0.3692 | 0.1705 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 20896-03-16 18:00 G | 9353243.12 | 9353243.25 | 9353243.37 | 0.3679 | 0.0194 |
| Mercury | 20900-03-20 16:48 G | 9354707.15 | 9354707.20 | 9354707.25 | 0.3693 | 0.3275 |
| Mercury | 20901-10-01 15:36 G | 9355267.05 | 9355267.15 | 9355267.26 | 0.3678 | 0.2137 |
| Mercury | 20934-08-27 08:38 G | 9367284.78 | 9367284.86 | 9367284.93 | 0.3691 | 0.2859 |
| Mercury | 20940-03-12 04:48 G | 9369308.58 | 9369308.70 | 9369308.81 | 0.3692 | 0.1106 |
| Mercury | 20941-09-22 22:19 G | 9369868.36 | 9369868.43 | 9369868.50 | 0.3680 | 0.2918 |
| Mercury | 20945-09-26 00:28 G | 9371332.41 | 9371332.52 | 9371332.64 | 0.3692 | 0.0615 |
| Mercury | 20947-04-08 19:26 G | 9371892.19 | 9371892.31 | 9371892.43 | 0.3679 | 0.1108 |
| Mercury | 20951-04-11 19:55 G | 9373356.24 | 9373356.33 | 9373356.43 | 0.3693 | 0.2216 |
| Mercury | 20952-10-22 17:02 G | 9373916.08 | 9373916.21 | 9373916.33 | 0.3678 | 0.0793 |
| Mercury | 20958-05-08 14:52 G | 9375940.04 | 9375940.12 | 9375940.20 | 0.3678 | 0.2779 |
| Mercury | 20991-04-03 07:12 G | 9387957.71 | 9387957.80 | 9387957.89 | 0.3691 | 0.2301 |
| Mercury | 20996-10-17 03:21 G | 9389981.52 | 9389981.64 | 9389981.76 | 0.3692 | 0.0549 |
| Mercury | 20998-04-29 21:21 G | 9390541.29 | 9390541.39 | 9390541.48 | 0.3679 | 0.2351 |

22ND MILLENNIUM CE

This is a list of transits visible from Venus in the 22nd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 21002-05-03 23:02 G | | 9392005.35 | 9392005.46 | 9392005.57 | 0.3692 | 0.1122 | |
| Mercury | 21003-11-14 18:28 G | | 9392565.15 | 9392565.27 | 9392565.39 | 0.3679 | 0.0516 | |
| Mercury | 21007-11-17 18:28 G | | 9394029.19 | 9394029.27 | 9394029.35 | 0.3693 | 0.2728 | |
| Mercury | 21009-05-30 16:04 G | | 9394589.06 | 9394589.17 | 9394589.29 | 0.3678 | 0.1414 | |
| Mercury | 21014-12-14 14:09 G | | 9396613.05 | 9396613.09 | 9396613.13 | 0.3678 | 0.3438 | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 21042-04-25 09:36 G | 9406606.87 | 9406606.90 | 9406606.93 | 0.3691 | 0.3537 |
| Mercury | 21047-11-09 06:00 G | 9408630.64 | 9408630.75 | 9408630.85 | 0.3691 | 0.1737 |
| Mercury | 21049-05-21 23:16 G | 9409190.44 | 9409190.47 | 9409190.50 | 0.3680 | 0.3546 |
| Mercury | 21053-05-25 01:55 G | 9410654.46 | 9410654.58 | 9410654.70 | 0.3692 | 0.0024 |
| Mercury | 21054-12-05 20:09 G | 9411214.24 | 9411214.34 | 9411214.45 | 0.3679 | 0.1776 |
| Mercury | 21058-12-08 21:36 G | 9412678.29 | 9412678.40 | 9412678.50 | 0.3692 | 0.1649 |
| Mercury | 21060-06-20 17:31 G | 9413238.11 | 9413238.23 | 9413238.36 | 0.3679 | 0.0106 |
| Mercury | 21064-06-23 17:02 G | 9414702.15 | 9414702.21 | 9414702.26 | 0.3693 | 0.3242 |
| Mercury | 21066-01-04 15:21 G | 9415262.03 | 9415262.14 | 9415262.24 | 0.3678 | 0.2054 |
| Mercury | 21098-11-30 08:24 G | 9427279.78 | 9427279.85 | 9427279.92 | 0.3691 | 0.2957 |
| Mercury | 21104-06-16 04:33 G | 9429303.58 | 9429303.69 | 9429303.81 | 0.3692 | 0.1176 |
| Mercury | 21105-12-27 22:04 G | 9429863.36 | 9429863.42 | 9429863.49 | 0.3679 | 0.2988 |
| Mercury | 21109-12-31 00:28 G | 9431327.40 | 9431327.52 | 9431327.64 | 0.3692 | 0.0537 |
| Mercury | 21111-07-13 19:12 G | 9431887.18 | 9431887.30 | 9431887.42 | 0.3679 | 0.1186 |
| Mercury | 21115-07-16 20:09 G | 9433351.24 | 9433351.34 | 9433351.43 | 0.3693 | 0.2178 |
| Mercury | 21117-01-26 16:33 G | 9433911.07 | 9433911.19 | 9433911.32 | 0.3678 | 0.0722 |
| Mercury | 21122-08-12 14:38 G | 9435935.02 | 9435935.11 | 9435935.19 | 0.3678 | 0.2706 |
| Mercury | 21155-07-08 07:12 G | 9447952.71 | 9447952.80 | 9447952.89 | 0.3691 | 0.2378 |
| Mercury | 21161-01-21 03:21 G | 9449976.52 | 9449976.64 | 9449976.76 | 0.3692 | 0.0616 |
| Mercury | 21162-08-03 21:07 G | 9450536.29 | 9450536.38 | 9450536.47 | 0.3679 | 0.2415 |
| Mercury | 21166-08-06 23:02 G | 9452000.35 | 9452000.46 | 9452000.57 | 0.3692 | 0.1076 |
| Mercury | 21168-02-17 18:14 G | 9452560.14 | 9452560.26 | 9452560.38 | 0.3679 | 0.0584 |
| Mercury | 21172-02-20 18:43 G | 9454024.20 | 9454024.28 | 9454024.35 | 0.3693 | 0.2702 |
| Mercury | 21173-09-02 15:50 G | 9454584.04 | 9454584.16 | 9454584.27 | 0.3678 | 0.1339 |
| Mercury | 21179-03-19 13:40 G | 9456608.03 | 9456608.07 | 9456608.12 | 0.3678 | 0.3362 |
| Mercury | 21206-07-29 09:21 G | 9466601.88 | 9466601.89 | 9466601.91 | 0.3691 | 0.3630 |
| Mercury | 21212-02-12 06:00 G | 9468625.64 | 9468625.75 | 9468625.85 | 0.3691 | 0.1811 |
| Mercury | 21213-08-24 23:16 G | 9469185.45 | 9469185.47 | 9469185.49 | 0.3680 | 0.3612 |
| Mercury | 21217-08-28 01:55 G | 9470649.46 | 9470649.58 | 9470649.70 | 0.3692 | 0.0063 |
| Mercury | 21219-03-10 19:55 G | 9471209.23 | 9471209.33 | 9471209.44 | 0.3679 | 0.1845 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 21223-03-13 21:36 G | 9472673.30 | 9472673.40 | 9472673.51 | 0.3693 | 0.1606 |
| Mercury | 21224-09-23 17:16 G | 9473233.09 | 9473233.22 | 9473233.34 | 0.3679 | 0.0050 |
| Mercury | 21228-09-26 17:02 G | 9474697.16 | 9474697.21 | 9474697.27 | 0.3693 | 0.3214 |
| Mercury | 21230-04-09 14:52 G | 9475257.02 | 9475257.12 | 9475257.23 | 0.3678 | 0.1974 |
| Mercury | 21263-03-05 08:09 G | 9487274.78 | 9487274.84 | 9487274.91 | 0.3691 | 0.3044 |
| Mercury | 21268-09-18 04:33 G | 9489298.58 | 9489298.69 | 9489298.80 | 0.3692 | 0.1238 |
| Mercury | 21270-03-31 22:04 G | 9489858.35 | 9489858.42 | 9489858.48 | 0.3680 | 0.3052 |
| Mercury | 21274-04-04 00:28 G | 9491322.40 | 9491322.52 | 9491322.64 | 0.3692 | 0.0477 |
| Mercury | 21275-10-15 18:57 G | 9491882.17 | 9491882.29 | 9491882.40 | 0.3679 | 0.1261 |
| Mercury | 21279-10-18 20:09 G | 9493346.25 | 9493346.34 | 9493346.43 | 0.3693 | 0.2138 |
| Mercury | 21281-04-30 16:19 G | 9493906.06 | 9493906.18 | 9493906.30 | 0.3678 | 0.0630 |
| Mercury | 21286-11-14 14:09 G | 9495930.00 | 9495930.09 | 9495930.17 | 0.3678 | 0.2615 |
| Mercury | 21319-10-11 06:57 G | 9507947.70 | 9507947.79 | 9507947.88 | 0.3691 | 0.2461 |
| Mercury | 21325-04-26 03:07 G | 9509971.52 | 9509971.63 | 9509971.75 | 0.3692 | 0.0692 |
| Mercury | 21326-11-06 20:52 G | 9510531.28 | 9510531.37 | 9510531.46 | 0.3679 | 0.2493 |
| Mercury | 21330-11-09 23:02 G | 9511995.35 | 9511995.46 | 9511995.57 | 0.3692 | 0.1020 |
| Mercury | 21332-05-22 18:00 G | 9512555.13 | 9512555.25 | 9512555.37 | 0.3679 | 0.0670 |
| Mercury | 21336-05-25 18:28 G | 9514019.20 | 9514019.27 | 9514019.35 | 0.3693 | 0.2658 |
| Mercury | 21337-12-06 15:21 G | 9514579.02 | 9514579.14 | 9514579.26 | 0.3678 | 0.1250 |
| Mercury | 21343-06-22 13:12 G | 9516603.00 | 9516603.05 | 9516603.11 | 0.3678 | 0.3268 |
| Mercury | 21376-05-17 05:45 G | 9528620.64 | 9528620.74 | 9528620.84 | 0.3691 | 0.1893 |
| Mercury | 21381-12-01 01:55 G | 9530644.46 | 9530644.58 | 9530644.69 | 0.3692 | 0.0184 |
| Mercury | 21383-06-13 19:40 G | 9531204.22 | 9531204.32 | 9531204.43 | 0.3679 | 0.1918 |
| Mercury | 21387-06-16 21:36 G | 9532668.29 | 9532668.40 | 9532668.51 | 0.3692 | 0.1560 |
| Mercury | 21388-12-27 17:02 G | 9533228.08 | 9533228.21 | 9533228.33 | 0.3678 | 0.0112 |
| Mercury | 21392-12-30 17:02 G | 9534692.15 | 9534692.21 | 9534692.27 | 0.3693 | 0.3175 |
| Mercury | 21394-07-13 14:38 G | 9535252.00 | 9535252.11 | 9535252.21 | 0.3678 | 0.1895 |
| Mercury | 21427-06-09 08:09 G | 9547269.78 | 9547269.84 | 9547269.90 | 0.3691 | 0.3135 |
| Mercury | 21432-12-23 04:19 G | 9549293.57 | 9549293.68 | 9549293.80 | 0.3692 | 0.1326 |
| Mercury | 21434-07-05 21:50 G | 9549853.35 | 9549853.41 | 9549853.47 | 0.3679 | 0.3123 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 21438-07-09 00:28 G | 9551317.40 | 9551317.52 | 9551317.64 | 0.3692 | 0.0426 |
| Mercury | 21440-01-19 18:43 G | 9551877.17 | 9551877.28 | 9551877.40 | 0.3679 | 0.1324 |
| Mercury | 21444-01-22 20:09 G | 9553341.24 | 9553341.34 | 9553341.44 | 0.3693 | 0.2095 |
| Mercury | 21445-08-04 16:04 G | 9553901.04 | 9553901.17 | 9553901.29 | 0.3678 | 0.0564 |
| Mercury | 21449-08-07 15:36 G | 9555365.15 | 9555365.15 | 9555365.15 | 0.3693 | 0.3692 |
| Mercury | 21451-02-18 13:40 G | 9555924.98 | 9555925.07 | 9555925.16 | 0.3678 | 0.2539 |
| Mercury | 21484-01-14 06:57 G | 9567942.70 | 9567942.79 | 9567942.87 | 0.3691 | 0.2549 |
| Mercury | 21489-07-30 03:07 G | 9569966.51 | 9569966.63 | 9569966.75 | 0.3692 | 0.0748 |
| Mercury | 21491-02-09 20:38 G | 9570526.28 | 9570526.36 | 9570526.45 | 0.3679 | 0.2555 |
| Mercury | 21495-02-12 23:02 G | 9571990.35 | 9571990.46 | 9571990.58 | 0.3692 | 0.0978 |
| Mercury | 21496-08-25 17:45 G | 9572550.12 | 9572550.24 | 9572550.36 | 0.3679 | 0.0728 |
| Mercury | 21500-08-29 18:43 G | 9574014.20 | 9574014.28 | 9574014.36 | 0.3693 | 0.2625 |
| Mercury | 21502-03-12 15:07 G | 9574574.01 | 9574574.13 | 9574574.25 | 0.3678 | 0.1185 |
| Mercury | 21507-09-26 12:57 G | 9576597.98 | 9576598.04 | 9576598.10 | 0.3678 | 0.3190 |
| Mercury | 21540-08-21 05:31 G | 9588615.63 | 9588615.73 | 9588615.84 | 0.3691 | 0.1967 |
| Mercury | 21546-03-07 01:55 G | 9590639.46 | 9590639.58 | 9590639.69 | 0.3692 | 0.0225 |
| Mercury | 21547-09-17 19:40 G | 9591199.21 | 9591199.32 | 9591199.42 | 0.3679 | 0.1981 |
| Mercury | 21551-09-20 21:36 G | 9592663.30 | 9592663.40 | 9592663.51 | 0.3693 | 0.1526 |
| Mercury | 21553-04-02 16:48 G | 9593223.07 | 9593223.20 | 9593223.32 | 0.3679 | 0.0158 |
| Mercury | 21557-04-05 17:02 G | 9594687.16 | 9594687.21 | 9594687.27 | 0.3693 | 0.3146 |
| Mercury | 21558-10-17 14:09 G | 9595246.98 | 9595247.09 | 9595247.20 | 0.3678 | 0.1813 |
| Mercury | 21591-09-12 07:55 G | 9607264.77 | 9607264.83 | 9607264.89 | 0.3691 | 0.3216 |
| Mercury | 21597-03-28 04:19 G | 9609288.57 | 9609288.68 | 9609288.79 | 0.3692 | 0.1389 |
| Mercury | 21598-10-08 21:36 G | 9609848.34 | 9609848.40 | 9609848.46 | 0.3680 | 0.3192 |
| Mercury | 21602-10-12 00:28 G | 9611312.40 | 9611312.52 | 9611312.64 | 0.3692 | 0.0379 |
| Mercury | 21604-04-23 18:28 G | 9611872.16 | 9611872.27 | 9611872.38 | 0.3679 | 0.1394 |
| Mercury | 21608-04-26 20:09 G | 9613336.24 | 9613336.34 | 9613336.44 | 0.3693 | 0.2051 |
| Mercury | 21609-11-07 15:36 G | 9613896.03 | 9613896.15 | 9613896.28 | 0.3678 | 0.0484 |
| Mercury | 21613-11-10 15:36 G | 9615360.14 | 9615360.15 | 9615360.16 | 0.3693 | 0.3666 |
| Mercury | 21615-05-24 13:12 G | 9615919.96 | 9615920.05 | 9615920.15 | 0.3678 | 0.2458 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 21648-04-18 06:43 G | 9627937.69 | 9627937.78 | 9627937.86 | 0.3691 | 0.2634 |
| Mercury | 21653-11-02 03:07 G | 9629961.51 | 9629961.63 | 9629961.74 | 0.3692 | 0.0820 |
| Mercury | 21655-05-15 20:24 G | 9630521.27 | 9630521.35 | 9630521.44 | 0.3679 | 0.2625 |
| Mercury | 21659-05-18 23:02 G | 9631985.34 | 9631985.46 | 9631985.57 | 0.3692 | 0.0922 |
| Mercury | 21660-11-28 17:31 G | 9632545.11 | 9632545.23 | 9632545.35 | 0.3679 | 0.0812 |
| Mercury | 21664-12-01 18:43 G | 9634009.20 | 9634009.28 | 9634009.36 | 0.3693 | 0.2586 |
| Mercury | 21666-06-14 14:38 G | 9634569.00 | 9634569.11 | 9634569.23 | 0.3678 | 0.1115 |
| Mercury | 21671-12-29 12:28 G | 9636592.95 | 9636593.02 | 9636593.08 | 0.3678 | 0.3110 |
| Mercury | 21704-11-24 05:31 G | 9648610.63 | 9648610.73 | 9648610.83 | 0.3692 | 0.2046 |
| Mercury | 21710-06-10 01:40 G | 9650634.45 | 9650634.57 | 9650634.69 | 0.3692 | 0.0251 |
| Mercury | 21711-12-21 19:26 G | 9651194.21 | 9651194.31 | 9651194.41 | 0.3679 | 0.2047 |
| Mercury | 21715-12-24 21:36 G | 9652658.29 | 9652658.40 | 9652658.51 | 0.3692 | 0.1470 |
| Mercury | 21717-07-06 16:19 G | 9653218.06 | 9653218.18 | 9653218.31 | 0.3678 | 0.0215 |
| Mercury | 21721-07-09 17:16 G | 9654682.16 | 9654682.22 | 9654682.28 | 0.3693 | 0.3121 |
| Mercury | 21723-01-20 13:55 G | 9655241.97 | 9655242.08 | 9655242.19 | 0.3678 | 0.1749 |
| Mercury | 21755-12-16 07:40 G | 9667259.77 | 9667259.82 | 9667259.87 | 0.3691 | 0.3313 |
| Mercury | 21761-07-01 04:19 G | 9669283.57 | 9669283.68 | 9669283.79 | 0.3692 | 0.1461 |
| Mercury | 21763-01-11 21:36 G | 9669843.34 | 9669843.40 | 9669843.45 | 0.3679 | 0.3246 |
| Mercury | 21767-01-15 00:14 G | 9671307.40 | 9671307.51 | 9671307.63 | 0.3692 | 0.0347 |
| Mercury | 21768-07-27 18:14 G | 9671867.15 | 9671867.26 | 9671867.37 | 0.3679 | 0.1460 |
| Mercury | 21772-07-30 20:09 G | 9673331.24 | 9673331.34 | 9673331.44 | 0.3693 | 0.2019 |
| Mercury | 21774-02-10 15:21 G | 9673891.02 | 9673891.14 | 9673891.27 | 0.3678 | 0.0432 |
| Mercury | 21778-02-13 15:36 G | 9675355.14 | 9675355.15 | 9675355.17 | 0.3693 | 0.3651 |
| Mercury | 21779-08-27 12:57 G | 9675914.95 | 9675915.04 | 9675915.14 | 0.3678 | 0.2393 |
| Mercury | 21812-07-23 06:28 G | 9687932.69 | 9687932.77 | 9687932.85 | 0.3691 | 0.2709 |
| Mercury | 21818-02-06 02:52 G | 9689956.51 | 9689956.62 | 9689956.74 | 0.3692 | 0.0882 |
| Mercury | 21819-08-19 20:24 G | 9690516.27 | 9690516.35 | 9690516.43 | 0.3679 | 0.2673 |
| Mercury | 21823-08-22 23:02 G | 9691980.34 | 9691980.46 | 9691980.57 | 0.3692 | 0.0880 |
| Mercury | 21825-03-04 17:16 G | 9692540.10 | 9692540.22 | 9692540.34 | 0.3679 | 0.0863 |
| Mercury | 21829-03-07 18:43 G | 9694004.20 | 9694004.28 | 9694004.36 | 0.3693 | 0.2560 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 21830-09-18 14:24 G | 9694563.98 | 9694564.10 | 9694564.22 | 0.3678 | 0.1045 |
| Mercury | 21836-04-03 12:00 G | 9696587.94 | 9696588.00 | 9696588.07 | 0.3678 | 0.3047 |
| Mercury | 21869-02-27 05:16 G | 9708605.62 | 9708605.72 | 9708605.82 | 0.3692 | 0.2113 |
| Mercury | 21874-09-13 01:40 G | 9710629.45 | 9710629.57 | 9710629.69 | 0.3692 | 0.0304 |
| Mercury | 21876-03-25 19:12 G | 9711189.20 | 9711189.30 | 9711189.40 | 0.3679 | 0.2100 |
| Mercury | 21880-03-28 21:36 G | 9712653.29 | 9712653.40 | 9712653.51 | 0.3693 | 0.1430 |
| Mercury | 21881-10-09 16:04 G | 9713213.05 | 9713213.17 | 9713213.30 | 0.3679 | 0.0273 |
| Mercury | 21885-10-12 17:16 G | 9714677.16 | 9714677.22 | 9714677.28 | 0.3693 | 0.3098 |
| Mercury | 21887-04-25 13:26 G | 9715236.95 | 9715237.06 | 9715237.17 | 0.3678 | 0.1681 |
| Mercury | 21920-03-21 07:26 G | 9727254.77 | 9727254.81 | 9727254.86 | 0.3691 | 0.3399 |
| Mercury | 21925-10-05 04:04 G | 9729278.56 | 9729278.67 | 9729278.78 | 0.3692 | 0.1521 |
| Mercury | 21927-04-17 21:21 G | 9729838.34 | 9729838.39 | 9729838.44 | 0.3680 | 0.3302 |
| Mercury | 21931-04-21 00:14 G | 9731302.39 | 9731302.51 | 9731302.63 | 0.3692 | 0.0263 |
| Mercury | 21932-10-31 18:00 G | 9731862.14 | 9731862.25 | 9731862.36 | 0.3679 | 0.1526 |
| Mercury | 21936-11-03 20:09 G | 9733326.24 | 9733326.34 | 9733326.44 | 0.3693 | 0.1981 |
| Mercury | 21938-05-17 15:07 G | 9733886.01 | 9733886.13 | 9733886.25 | 0.3678 | 0.0352 |
| Mercury | 21942-05-20 15:36 G | 9735350.13 | 9735350.15 | 9735350.17 | 0.3693 | 0.3620 |
| Mercury | 21943-12-01 12:28 G | 9735909.93 | 9735910.02 | 9735910.12 | 0.3678 | 0.2313 |
| Mercury | 21976-10-26 06:28 G | 9747927.69 | 9747927.77 | 9747927.84 | 0.3691 | 0.2792 |
| Mercury | 21982-05-12 02:52 G | 9749951.50 | 9749951.62 | 9749951.73 | 0.3692 | 0.0958 |
| Mercury | 21983-11-22 20:09 G | 9750511.26 | 9750511.34 | 9750511.42 | 0.3679 | 0.2742 |
| Mercury | 21987-11-25 22:48 G | 9751975.34 | 9751975.45 | 9751975.57 | 0.3693 | 0.0834 |
| Mercury | 21989-06-07 17:02 G | 9752535.09 | 9752535.21 | 9752535.32 | 0.3679 | 0.0937 |
| Mercury | 21993-06-10 18:43 G | 9753999.19 | 9753999.28 | 9753999.36 | 0.3693 | 0.2522 |
| Mercury | 21994-12-22 14:09 G | 9754558.97 | 9754559.09 | 9754559.21 | 0.3678 | 0.0973 |
| Mercury | 22000-07-07 11:45 G | 9756582.91 | 9756582.99 | 9756583.06 | 0.3677 | 0.2970 |

23RD MILLENNIUM CE

This is a list of transits visible from Venus in the 23rd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|------------|------------|------------|--------|--------|---|
| Mercury | 22033-06-02 05:02 | G | 9768600.62 | 9768600.71 | 9768600.81 | 0.3691 | 0.2198 | |
| Mercury | 22038-12-17 01:26 | G | 9770624.44 | 9770624.56 | 9770624.68 | 0.3692 | 0.0371 | |
| Mercury | 22040-06-28 18:57 | G | 9771184.20 | 9771184.29 | 9771184.39 | 0.3679 | 0.2166 | |
| Mercury | 22044-07-01 21:36 | G | 9772648.29 | 9772648.40 | 9772648.51 | 0.3693 | 0.1391 | |
| Mercury | 22046-01-12 15:50 | G | 9773208.04 | 9773208.16 | 9773208.29 | 0.3678 | 0.0339 | |
| Mercury | 22050-01-15 17:16 | G | 9774672.15 | 9774672.22 | 9774672.28 | 0.3693 | 0.3066 | |
| Mercury | 22051-07-29 13:12 | G | 9775231.94 | 9775232.05 | 9775232.16 | 0.3678 | 0.1610 | |
| Mercury | 22057-02-11 10:48 | G | 9777255.94 | 9777255.95 | 9777255.97 | 0.3677 | 0.3641 | |
| Mercury | 22084-06-23 07:26 | G | 9787249.77 | 9787249.81 | 9787249.84 | 0.3691 | 0.3486 | |
| Mercury | 22090-01-07 03:50 | G | 9789273.55 | 9789273.66 | 9789273.77 | 0.3692 | 0.1601 | |
| Mercury | 22091-07-20 21:21 | G | 9789833.34 | 9789833.39 | 9789833.43 | 0.3679 | 0.3360 | |
| Mercury | 22095-07-24 00:14 | G | 9791297.39 | 9791297.51 | 9791297.63 | 0.3692 | 0.0221 | |
| Mercury | 22097-02-02 18:00 | G | 9791857.14 | 9791857.25 | 9791857.36 | 0.3679 | 0.1583 | |
| Mercury | 22101-02-06 20:09 | G | 9793321.24 | 9793321.34 | 9793321.44 | 0.3693 | 0.1947 | |
| Mercury | 22102-08-20 14:52 | G | 9793881.00 | 9793881.12 | 9793881.24 | 0.3678 | 0.0298 | |
| Mercury | 22106-08-23 15:50 | G | 9795345.13 | 9795345.16 | 9795345.18 | 0.3693 | 0.3606 | |
| Mercury | 22108-03-05 12:14 | G | 9795904.91 | 9795905.01 | 9795905.11 | 0.3678 | 0.2254 | |
| Mercury | 22141-01-29 06:14 | G | 9807922.68 | 9807922.76 | 9807922.83 | 0.3691 | 0.2870 | |
| Mercury | 22146-08-15 02:38 | G | 9809946.50 | 9809946.61 | 9809946.73 | 0.3692 | 0.1004 | |
| Mercury | 22148-02-25 20:09 | G | 9810506.26 | 9810506.34 | 9810506.42 | 0.3679 | 0.2791 | |
| Mercury | 22152-02-28 22:48 | G | 9811970.34 | 9811970.45 | 9811970.57 | 0.3692 | 0.0798 | |
| Mercury | 22153-09-10 16:48 | G | 9812530.08 | 9812530.20 | 9812530.32 | 0.3679 | 0.0979 | |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 22157-09-13 18:43 G | 9813994.19 | 9813994.28 | 9813994.37 | 0.3693 | 0.2499 |
| Mercury | 22159-03-27 13:55 G | 9814553.96 | 9814554.08 | 9814554.20 | 0.3678 | 0.0920 |
| Mercury | 22164-10-10 11:16 G | 9816577.90 | 9816577.97 | 9816578.05 | 0.3678 | 0.2905 |
| Mercury | 22197-09-05 05:02 G | 9828595.61 | 9828595.71 | 9828595.80 | 0.3691 | 0.2264 |
| Mercury | 22203-03-23 01:26 G | 9830619.44 | 9830619.56 | 9830619.68 | 0.3692 | 0.0417 |
| Mercury | 22204-10-02 18:57 G | 9831179.19 | 9831179.29 | 9831179.38 | 0.3679 | 0.2225 |
| Mercury | 22208-10-05 21:36 G | 9832643.29 | 9832643.40 | 9832643.51 | 0.3693 | 0.1359 |
| Mercury | 22210-04-18 15:36 G | 9833203.03 | 9833203.15 | 9833203.28 | 0.3679 | 0.0400 |
| Mercury | 22214-04-21 17:16 G | 9834667.15 | 9834667.22 | 9834667.28 | 0.3693 | 0.3040 |
| Mercury | 22215-11-02 12:43 G | 9835226.92 | 9835227.03 | 9835227.15 | 0.3678 | 0.1547 |
| Mercury | 22221-05-18 10:33 G | 9837250.91 | 9837250.94 | 9837250.96 | 0.3677 | 0.3569 |
| Mercury | 22248-09-27 07:12 G | 9847244.77 | 9847244.80 | 9847244.82 | 0.3691 | 0.3564 |
| Mercury | 22254-04-13 03:50 G | 9849268.55 | 9849268.66 | 9849268.76 | 0.3692 | 0.1673 |
| Mercury | 22255-10-24 21:07 G | 9849828.34 | 9849828.38 | 9849828.42 | 0.3679 | 0.3417 |
| Mercury | 22259-10-28 00:14 G | 9851292.39 | 9851292.51 | 9851292.62 | 0.3692 | 0.0222 |
| Mercury | 22261-05-09 17:45 G | 9851852.13 | 9851852.24 | 9851852.35 | 0.3679 | 0.1636 |
| Mercury | 22265-05-12 20:09 G | 9853316.23 | 9853316.34 | 9853316.44 | 0.3693 | 0.1912 |
| Mercury | 22266-11-23 14:38 G | 9853875.99 | 9853876.11 | 9853876.23 | 0.3678 | 0.0233 |
| Mercury | 22270-11-26 15:50 G | 9855340.13 | 9855340.16 | 9855340.18 | 0.3693 | 0.3584 |
| Mercury | 22272-06-08 12:00 G | 9855899.90 | 9855900.00 | 9855900.10 | 0.3678 | 0.2190 |
| Mercury | 22305-05-05 06:00 G | 9867917.68 | 9867917.75 | 9867917.82 | 0.3691 | 0.2959 |
| Mercury | 22310-11-19 02:38 G | 9869941.49 | 9869941.61 | 9869941.72 | 0.3692 | 0.1075 |
| Mercury | 22312-05-31 19:55 G | 9870501.26 | 9870501.33 | 9870501.41 | 0.3679 | 0.2850 |
| Mercury | 22316-06-03 22:48 G | 9871965.33 | 9871965.45 | 9871965.56 | 0.3692 | 0.0738 |
| Mercury | 22317-12-15 16:33 G | 9872525.07 | 9872525.19 | 9872525.31 | 0.3679 | 0.1042 |
| Mercury | 22321-12-18 18:43 G | 9873989.19 | 9873989.28 | 9873989.36 | 0.3693 | 0.2466 |
| Mercury | 22323-07-01 13:40 G | 9874548.95 | 9874549.07 | 9874549.19 | 0.3678 | 0.0863 |
| Mercury | 22329-01-14 11:02 G | 9876572.88 | 9876572.96 | 9876573.04 | 0.3677 | 0.2843 |
| Mercury | 22361-12-10 04:48 G | 9888590.60 | 9888590.70 | 9888590.79 | 0.3692 | 0.2346 |
| Mercury | 22367-06-26 01:12 G | 9890614.43 | 9890614.55 | 9890614.67 | 0.3692 | 0.0482 |

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|---------|---------------------|------------|------------|------------|--------|--------|
| Mercury | 22369-01-05 18:43 G | 9891174.19 | 9891174.28 | 9891174.37 | 0.3679 | 0.2274 |
| Mercury | 22373-01-08 21:21 G | 9892638.28 | 9892638.39 | 9892638.50 | 0.3693 | 0.1309 |
| Mercury | 22374-07-22 15:21 G | 9893198.02 | 9893198.14 | 9893198.27 | 0.3678 | 0.0458 |
| Mercury | 22378-07-25 17:16 G | 9894662.15 | 9894662.22 | 9894662.28 | 0.3693 | 0.3023 |
| Mercury | 22380-02-05 12:28 G | 9895221.91 | 9895222.02 | 9895222.14 | 0.3678 | 0.1498 |
| Mercury | 22385-08-21 10:04 G | 9897245.89 | 9897245.92 | 9897245.96 | 0.3677 | 0.3510 |
| Mercury | 22412-12-31 06:43 G | 9907239.77 | 9907239.78 | 9907239.80 | 0.3691 | 0.3661 |
| Mercury | 22418-07-17 03:36 G | 9909263.54 | 9909263.65 | 9909263.76 | 0.3692 | 0.1729 |
| Mercury | 22420-01-27 21:07 G | 9909823.34 | 9909823.38 | 9909823.42 | 0.3679 | 0.3461 |
| Mercury | 22424-01-31 00:00 G | 9911287.38 | 9911287.50 | 9911287.62 | 0.3692 | 0.0114 |
| Mercury | 22425-08-12 17:31 G | 9911847.13 | 9911847.23 | 9911847.34 | 0.3679 | 0.1684 |
| Mercury | 22429-08-15 20:09 G | 9913311.23 | 9913311.34 | 9913311.44 | 0.3693 | 0.1885 |
| Mercury | 22431-02-26 14:24 G | 9913870.98 | 9913871.10 | 9913871.22 | 0.3678 | 0.0181 |
| Mercury | 22435-03-01 15:50 G | 9915335.13 | 9915335.16 | 9915335.18 | 0.3693 | 0.3572 |
| Mercury | 22436-09-11 11:45 G | 9915894.89 | 9915894.99 | 9915895.09 | 0.3678 | 0.2141 |
| Mercury | 22469-08-07 05:45 G | 9927912.67 | 9927912.74 | 9927912.81 | 0.3691 | 0.3032 |
| Mercury | 22475-02-21 02:24 G | 9929936.49 | 9929936.60 | 9929936.72 | 0.3692 | 0.1122 |
| Mercury | 22476-09-02 19:55 G | 9930496.25 | 9930496.33 | 9930496.40 | 0.3679 | 0.2894 |
| Mercury | 22480-09-05 22:33 G | 9931960.33 | 9931960.44 | 9931960.56 | 0.3692 | 0.0713 |
| Mercury | 22482-03-19 16:19 G | 9932520.07 | 9932520.18 | 9932520.30 | 0.3679 | 0.1097 |
| Mercury | 22486-03-22 18:43 G | 9933984.19 | 9933984.28 | 9933984.36 | 0.3693 | 0.2446 |
| Mercury | 22487-10-03 13:26 G | 9934543.93 | 9934544.06 | 9934544.18 | 0.3678 | 0.0809 |
| Mercury | 22493-04-18 10:48 G | 9936567.87 | 9936567.95 | 9936568.03 | 0.3677 | 0.2792 |
| Mercury | 22526-03-15 04:33 G | 9948585.60 | 9948585.69 | 9948585.78 | 0.3692 | 0.2409 |
| Mercury | 22531-09-29 01:12 G | 9950609.43 | 9950609.55 | 9950609.67 | 0.3692 | 0.0522 |
| Mercury | 22533-04-10 18:43 G | 9951169.18 | 9951169.28 | 9951169.37 | 0.3679 | 0.2315 |
| Mercury | 22537-04-13 21:21 G | 9952633.28 | 9952633.39 | 9952633.50 | 0.3693 | 0.1273 |
| Mercury | 22538-10-25 15:21 G | 9953193.01 | 9953193.14 | 9953193.26 | 0.3678 | 0.0508 |
| Mercury | 22542-10-28 17:16 G | 9954657.15 | 9954657.22 | 9954657.29 | 0.3693 | 0.3005 |
| Mercury | 22544-05-10 12:14 G | 9955216.90 | 9955217.01 | 9955217.13 | 0.3678 | 0.1443 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 22549-11-24 09:50 G | 9957240.86 | 9957240.91 | 9957240.95 | 0.3677 | 0.3445 |
| Mercury | 22582-10-20 03:21 G | 9969258.54 | 9969258.64 | 9969258.75 | 0.3692 | 0.1794 |
| Mercury | 22584-05-01 20:52 G | 9969818.34 | 9969818.37 | 9969818.41 | 0.3679 | 0.3513 |
| Mercury | 22588-05-04 23:45 G | 9971282.37 | 9971282.49 | 9971282.61 | 0.3692 | 0.0099 |
| Mercury | 22589-11-15 17:16 G | 9971842.12 | 9971842.22 | 9971842.33 | 0.3679 | 0.1743 |
| Mercury | 22593-11-18 19:55 G | 9973306.23 | 9973306.33 | 9973306.43 | 0.3693 | 0.1849 |
| Mercury | 22595-06-01 14:09 G | 9973865.97 | 9973866.09 | 9973866.21 | 0.3678 | 0.0123 |
| Mercury | 22599-06-04 15:50 G | 9975330.13 | 9975330.16 | 9975330.18 | 0.3693 | 0.3550 |
| Mercury | 22600-12-16 11:16 G | 9975889.87 | 9975889.97 | 9975890.07 | 0.3678 | 0.2072 |
| Mercury | 22633-11-11 05:31 G | 9987907.66 | 9987907.73 | 9987907.79 | 0.3692 | 0.3113 |
| Mercury | 22639-05-28 02:09 G | 9989931.48 | 9989931.59 | 9989931.70 | 0.3692 | 0.1191 |
| Mercury | 22640-12-07 19:40 G | 9990491.25 | 9990491.32 | 9990491.39 | 0.3679 | 0.2947 |
| Mercury | 22644-12-10 22:33 G | 9991955.32 | 9991955.44 | 9991955.56 | 0.3693 | 0.0651 |
| Mercury | 22646-06-23 16:19 G | 9992515.06 | 9992515.18 | 9992515.29 | 0.3679 | 0.1150 |
| Mercury | 22650-06-26 18:28 G | 9993979.19 | 9993979.27 | 9993979.36 | 0.3693 | 0.2417 |
| Mercury | 22652-01-07 13:12 G | 9994538.93 | 9994539.05 | 9994539.17 | 0.3678 | 0.0756 |
| Mercury | 22657-07-23 10:19 G | 9996562.85 | 9996562.93 | 9996563.01 | 0.3677 | 0.2727 |
| Mercury | 22690-06-18 04:19 G | 10008580.59 | 10008580.68 | 10008580.77 | 0.3691 | 0.2487 |
| Mercury | 22696-01-02 00:57 G | 10010604.42 | 10010604.54 | 10010604.66 | 0.3692 | 0.0586 |
| Mercury | 22697-07-14 18:28 G | 10011164.18 | 10011164.27 | 10011164.36 | 0.3679 | 0.2367 |
| Mercury | 22701-07-18 21:21 G | 10012628.27 | 10012628.39 | 10012628.50 | 0.3693 | 0.1245 |
| Mercury | 22703-01-29 15:07 G | 10013188.01 | 10013188.13 | 10013188.25 | 0.3678 | 0.0537 |
| Mercury | 22707-02-01 17:16 G | 10014652.15 | 10014652.22 | 10014652.28 | 0.3693 | 0.2980 |
| Mercury | 22708-08-14 12:00 G | 10015211.89 | 10015212.00 | 10015212.12 | 0.3678 | 0.1388 |
| Mercury | 22714-02-28 09:21 G | 10017235.85 | 10017235.89 | 10017235.94 | 0.3677 | 0.3392 |
| Mercury | 22747-01-24 03:07 G | 10029253.53 | 10029253.63 | 10029253.74 | 0.3692 | 0.1865 |
| Mercury | 22748-08-05 20:52 G | 10029813.35 | 10029813.37 | 10029813.40 | 0.3679 | 0.3555 |
| Mercury | 22752-08-08 23:45 G | 10031277.37 | 10031277.49 | 10031277.61 | 0.3692 | 0.0055 |
| Mercury | 22754-02-19 17:16 G | 10031837.11 | 10031837.22 | 10031837.33 | 0.3679 | 0.1779 |
| Mercury | 22758-02-22 19:55 G | 10033301.23 | 10033301.33 | 10033301.43 | 0.3693 | 0.1823 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 22759-09-05 13:55 G | 10033860.96 | 10033861.08 | 10033861.21 | 0.3678 | 0.0128 |
| Mercury | 22763-09-08 15:50 G | 10035325.13 | 10035325.16 | 10035325.19 | 0.3693 | 0.3541 |
| Mercury | 22765-03-21 11:02 G | 10035884.86 | 10035884.96 | 10035885.06 | 0.3678 | 0.2029 |
| Mercury | 22798-02-14 05:16 G | 10047902.66 | 10047902.72 | 10047902.78 | 0.3691 | 0.3184 |
| Mercury | 22803-08-31 01:55 G | 10049926.47 | 10049926.58 | 10049926.70 | 0.3692 | 0.1252 |
| Mercury | 22805-03-12 19:40 G | 10050486.25 | 10050486.32 | 10050486.39 | 0.3679 | 0.2981 |
| Mercury | 22809-03-15 22:33 G | 10051950.32 | 10051950.44 | 10051950.56 | 0.3693 | 0.0625 |
| Mercury | 22810-09-26 16:04 G | 10052510.06 | 10052510.17 | 10052510.29 | 0.3679 | 0.1186 |
| Mercury | 22814-09-29 18:28 G | 10053974.18 | 10053974.27 | 10053974.36 | 0.3693 | 0.2399 |
| Mercury | 22816-04-11 12:57 G | 10054533.92 | 10054534.04 | 10054534.16 | 0.3678 | 0.0709 |
| Mercury | 22821-10-26 10:04 G | 10056557.83 | 10056557.92 | 10056558.00 | 0.3678 | 0.2671 |
| Mercury | 22854-09-21 04:04 G | 10068575.59 | 10068575.67 | 10068575.76 | 0.3691 | 0.2553 |
| Mercury | 22860-04-06 00:43 G | 10070599.41 | 10070599.53 | 10070599.65 | 0.3692 | 0.0644 |
| Mercury | 22861-10-17 18:14 G | 10071159.17 | 10071159.26 | 10071159.35 | 0.3679 | 0.2419 |
| Mercury | 22865-10-20 21:07 G | 10072623.27 | 10072623.38 | 10072623.50 | 0.3693 | 0.1213 |
| Mercury | 22867-05-03 14:52 G | 10073183.00 | 10073183.12 | 10073183.24 | 0.3678 | 0.0583 |
| Mercury | 22871-05-06 17:02 G | 10074647.14 | 10074647.21 | 10074647.28 | 0.3693 | 0.2958 |
| Mercury | 22872-11-16 11:45 G | 10075206.88 | 10075206.99 | 10075207.11 | 0.3678 | 0.1329 |
| Mercury | 22878-06-02 09:07 G | 10077230.83 | 10077230.88 | 10077230.93 | 0.3677 | 0.3336 |
| Mercury | 22911-04-29 02:52 G | 10089248.52 | 10089248.62 | 10089248.73 | 0.3692 | 0.1935 |
| Mercury | 22912-11-08 20:52 G | 10089808.35 | 10089808.37 | 10089808.39 | 0.3679 | 0.3599 |
| Mercury | 22916-11-11 23:31 G | 10091272.36 | 10091272.48 | 10091272.60 | 0.3692 | 0.0097 |
| Mercury | 22918-05-25 17:02 G | 10091832.11 | 10091832.21 | 10091832.32 | 0.3679 | 0.1832 |
| Mercury | 22922-05-28 19:40 G | 10093296.22 | 10093296.32 | 10093296.43 | 0.3693 | 0.1790 |
| Mercury | 22923-12-09 13:40 G | 10093855.95 | 10093856.07 | 10093856.20 | 0.3678 | 0.0104 |
| Mercury | 22927-12-12 15:36 G | 10095320.12 | 10095320.15 | 10095320.19 | 0.3694 | 0.3527 |
| Mercury | 22929-06-24 10:48 G | 10095879.84 | 10095879.95 | 10095880.05 | 0.3678 | 0.1973 |
| Mercury | 22962-05-20 05:02 G | 10107897.65 | 10107897.71 | 10107897.76 | 0.3691 | 0.3274 |
| Mercury | 22967-12-04 01:40 G | 10109921.46 | 10109921.57 | 10109921.69 | 0.3692 | 0.1316 |
| Mercury | 22969-06-15 19:26 G | 10110481.25 | 10110481.31 | 10110481.38 | 0.3679 | 0.3033 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 22973-06-18 22:19 G | 10111945.31 | 10111945.43 | 10111945.55 | 0.3692 | 0.0571 |
| Mercury | 22974-12-30 15:50 G | 10112505.05 | 10112505.16 | 10112505.28 | 0.3678 | 0.1238 |
| Mercury | 22979-01-02 18:28 G | 10113969.18 | 10113969.27 | 10113969.36 | 0.3693 | 0.2366 |
| Mercury | 22980-07-15 12:43 G | 10114528.91 | 10114529.03 | 10114529.15 | 0.3678 | 0.0659 |
| Mercury | 22986-01-29 09:50 G | 10116552.82 | 10116552.91 | 10116552.99 | 0.3677 | 0.2628 |

24TH MILLENNIUM CE

This is a list of transits visible from Venus in the 24th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 23018-12-26 03:50 G | | 10128570.58 | 10128570.66 | 10128570.74 | 0.3692 | 0.2630 | |
| Mercury | 23024-07-11 00:43 G | | 10130594.41 | 10130594.53 | 10130594.65 | 0.3692 | 0.0694 | |
| Mercury | 23026-01-21 18:14 G | | 10131154.17 | 10131154.26 | 10131154.35 | 0.3679 | 0.2452 | |
| Mercury | 23030-01-24 21:07 G | | 10132618.26 | 10132618.38 | 10132618.49 | 0.3693 | 0.1175 | |
| Mercury | 23031-08-07 14:52 G | | 10133178.00 | 10133178.12 | 10133178.24 | 0.3678 | 0.0637 | |
| Mercury | 23035-08-10 17:02 G | | 10134642.14 | 10134642.21 | 10134642.28 | 0.3693 | 0.2949 | |
| Mercury | 23037-02-20 11:31 G | | 10135201.87 | 10135201.98 | 10135202.10 | 0.3678 | 0.1294 | |
| Mercury | 23042-09-06 08:52 G | | 10137225.82 | 10137225.87 | 10137225.92 | 0.3677 | 0.3298 | |
| Mercury | 23075-08-02 02:38 G | | 10149243.51 | 10149243.61 | 10149243.72 | 0.3692 | 0.1996 | |
| Mercury | 23077-02-11 20:52 G | | 10149803.35 | 10149803.37 | 10149803.38 | 0.3679 | 0.3632 | |
| Mercury | 23081-02-14 23:31 G | | 10151267.36 | 10151267.48 | 10151267.60 | 0.3692 | 0.0113 | |
| Mercury | 23082-08-28 17:02 G | | 10151827.11 | 10151827.21 | 10151827.31 | 0.3679 | 0.1863 | |
| Mercury | 23086-08-31 19:40 G | | 10153291.22 | 10153291.32 | 10153291.43 | 0.3693 | 0.1762 | |
| Mercury | 23088-03-13 13:40 G | | 10153850.95 | 10153851.07 | 10153851.19 | 0.3678 | 0.0071 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 23092-03-16 15:36 G | 10155315.12 | 10155315.15 | 10155315.19 | 0.3693 | 0.3524 |
| Mercury | 23093-09-27 10:33 G | 10155874.83 | 10155874.94 | 10155875.04 | 0.3678 | 0.1932 |
| Mercury | 23126-08-24 04:33 G | 10167892.65 | 10167892.69 | 10167892.74 | 0.3691 | 0.3345 |
| Mercury | 23132-03-09 01:40 G | 10169916.46 | 10169916.57 | 10169916.68 | 0.3692 | 0.1358 |
| Mercury | 23133-09-19 19:26 G | 10170476.25 | 10170476.31 | 10170476.38 | 0.3679 | 0.3065 |
| Mercury | 23137-09-22 22:04 G | 10171940.31 | 10171940.42 | 10171940.54 | 0.3692 | 0.0555 |
| Mercury | 23139-04-05 15:50 G | 10172500.05 | 10172500.16 | 10172500.27 | 0.3679 | 0.1266 |
| Mercury | 23143-04-08 18:28 G | 10173964.18 | 10173964.27 | 10173964.36 | 0.3693 | 0.2352 |
| Mercury | 23144-10-19 12:28 G | 10174523.90 | 10174524.02 | 10174524.14 | 0.3678 | 0.0609 |
| Mercury | 23150-05-05 09:36 G | 10176547.81 | 10176547.90 | 10176547.98 | 0.3678 | 0.2589 |
| Mercury | 23183-03-31 03:36 G | 10188565.57 | 10188565.65 | 10188565.73 | 0.3692 | 0.2695 |
| Mercury | 23188-10-14 00:28 G | 10190589.40 | 10190589.52 | 10190589.64 | 0.3692 | 0.0729 |
| Mercury | 23190-04-26 18:14 G | 10191149.17 | 10191149.26 | 10191149.35 | 0.3679 | 0.2486 |
| Mercury | 23194-04-29 20:52 G | 10192613.26 | 10192613.37 | 10192613.48 | 0.3693 | 0.1134 |
| Mercury | 23195-11-10 14:38 G | 10193172.99 | 10193173.11 | 10193173.23 | 0.3678 | 0.0672 |
| Mercury | 23199-11-13 17:02 G | 10194637.14 | 10194637.21 | 10194637.28 | 0.3693 | 0.2934 |
| Mercury | 23201-05-26 11:16 G | 10195196.86 | 10195196.97 | 10195197.09 | 0.3678 | 0.1246 |
| Mercury | 23206-12-10 08:24 G | 10197220.80 | 10197220.85 | 10197220.91 | 0.3677 | 0.3242 |
| Mercury | 23239-11-05 02:24 G | 10209238.50 | 10209238.60 | 10209238.71 | 0.3692 | 0.2057 |
| Mercury | 23241-05-17 20:52 G | 10209798.36 | 10209798.37 | 10209798.37 | 0.3679 | 0.3674 |
| Mercury | 23245-05-20 23:16 G | 10211262.35 | 10211262.47 | 10211262.59 | 0.3692 | 0.0157 |
| Mercury | 23246-12-01 16:48 G | 10211822.10 | 10211822.20 | 10211822.31 | 0.3679 | 0.1913 |
| Mercury | 23250-12-04 19:40 G | 10213286.21 | 10213286.32 | 10213286.42 | 0.3693 | 0.1737 |
| Mercury | 23252-06-16 13:26 G | 10213845.94 | 10213846.06 | 10213846.18 | 0.3678 | 0.0074 |
| Mercury | 23256-06-19 15:36 G | 10215310.12 | 10215310.15 | 10215310.18 | 0.3693 | 0.3503 |
| Mercury | 23257-12-31 10:19 G | 10215869.82 | 10215869.93 | 10215870.03 | 0.3678 | 0.1884 |
| Mercury | 23290-11-26 04:19 G | 10227887.64 | 10227887.68 | 10227887.73 | 0.3691 | 0.3423 |
| Mercury | 23296-06-11 01:26 G | 10229911.44 | 10229911.56 | 10229911.67 | 0.3692 | 0.1426 |
| Mercury | 23297-12-22 19:26 G | 10230471.25 | 10230471.31 | 10230471.37 | 0.3679 | 0.3106 |
| Mercury | 23301-12-26 22:04 G | 10231935.30 | 10231935.42 | 10231935.54 | 0.3693 | 0.0507 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 23303-07-09 15:36 G | 10232495.04 | 10232495.15 | 10232495.27 | 0.3679 | 0.1312 |
| Mercury | 23307-07-12 18:14 G | 10233959.17 | 10233959.26 | 10233959.35 | 0.3693 | 0.2330 |
| Mercury | 23309-01-22 12:14 G | 10234518.89 | 10234519.01 | 10234519.13 | 0.3678 | 0.0572 |
| Mercury | 23314-08-08 09:21 G | 10236542.80 | 10236542.89 | 10236542.97 | 0.3677 | 0.2545 |
| Mercury | 23347-07-04 03:21 G | 10248560.56 | 10248560.64 | 10248560.72 | 0.3692 | 0.2771 |
| Mercury | 23353-01-17 00:14 G | 10250584.39 | 10250584.51 | 10250584.63 | 0.3692 | 0.0790 |
| Mercury | 23354-07-30 18:00 G | 10251144.17 | 10251144.25 | 10251144.34 | 0.3679 | 0.2532 |
| Mercury | 23358-08-02 20:38 G | 10252608.25 | 10252608.36 | 10252608.48 | 0.3693 | 0.1117 |
| Mercury | 23360-02-13 14:24 G | 10253167.98 | 10253168.10 | 10253168.22 | 0.3678 | 0.0705 |
| Mercury | 23364-02-16 17:02 G | 10254632.14 | 10254632.21 | 10254632.28 | 0.3693 | 0.2920 |
| Mercury | 23365-08-29 11:16 G | 10255191.85 | 10255191.97 | 10255192.08 | 0.3678 | 0.1215 |
| Mercury | 23371-03-15 08:09 G | 10257215.78 | 10257215.84 | 10257215.90 | 0.3677 | 0.3207 |
| Mercury | 23404-02-09 02:09 G | 10269233.49 | 10269233.59 | 10269233.69 | 0.3692 | 0.2120 |
| Mercury | 23409-08-24 23:02 G | 10271257.34 | 10271257.46 | 10271257.58 | 0.3692 | 0.0158 |
| Mercury | 23411-03-07 16:48 G | 10271817.10 | 10271817.20 | 10271817.30 | 0.3679 | 0.1937 |
| Mercury | 23415-03-10 19:26 G | 10273281.21 | 10273281.31 | 10273281.42 | 0.3693 | 0.1721 |
| Mercury | 23416-09-20 13:12 G | 10273840.93 | 10273841.05 | 10273841.18 | 0.3678 | 0.0152 |
| Mercury | 23420-09-23 15:36 G | 10275305.12 | 10275305.15 | 10275305.18 | 0.3693 | 0.3501 |
| Mercury | 23422-04-06 10:04 G | 10275864.82 | 10275864.92 | 10275865.03 | 0.3678 | 0.1856 |
| Mercury | 23455-03-02 04:04 G | 10287882.63 | 10287882.67 | 10287882.71 | 0.3691 | 0.3492 |
| Mercury | 23460-09-15 01:12 G | 10289906.44 | 10289906.55 | 10289906.66 | 0.3692 | 0.1471 |
| Mercury | 23462-03-28 19:26 G | 10290466.25 | 10290466.31 | 10290466.37 | 0.3679 | 0.3132 |
| Mercury | 23466-03-31 21:50 G | 10291930.29 | 10291930.41 | 10291930.53 | 0.3693 | 0.0465 |
| Mercury | 23467-10-12 15:36 G | 10292490.04 | 10292490.15 | 10292490.26 | 0.3679 | 0.1342 |
| Mercury | 23471-10-15 18:14 G | 10293954.17 | 10293954.26 | 10293954.35 | 0.3693 | 0.2317 |
| Mercury | 23473-04-27 12:00 G | 10294513.88 | 10294514.00 | 10294514.13 | 0.3678 | 0.0557 |
| Mercury | 23478-11-11 08:52 G | 10296537.78 | 10296537.87 | 10296537.96 | 0.3677 | 0.2498 |
| Mercury | 23511-10-08 03:07 G | 10308555.55 | 10308555.63 | 10308555.71 | 0.3692 | 0.2830 |
| Mercury | 23517-04-23 00:00 G | 10310579.38 | 10310579.50 | 10310579.62 | 0.3692 | 0.0836 |
| Mercury | 23518-11-03 18:00 G | 10311139.17 | 10311139.25 | 10311139.34 | 0.3679 | 0.2564 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 23522-11-06 20:38 G | 10312603.25 | 10312603.36 | 10312603.48 | 0.3693 | 0.1084 |
| Mercury | 23524-05-19 14:24 G | 10313162.98 | 10313163.10 | 10313163.22 | 0.3678 | 0.0737 |
| Mercury | 23528-05-22 16:48 G | 10314627.13 | 10314627.20 | 10314627.27 | 0.3693 | 0.2902 |
| Mercury | 23529-12-03 11:02 G | 10315186.84 | 10315186.96 | 10315187.07 | 0.3678 | 0.1173 |
| Mercury | 23535-06-19 07:55 G | 10317210.77 | 10317210.83 | 10317210.89 | 0.3677 | 0.3161 |
| Mercury | 23568-05-14 01:55 G | 10329228.48 | 10329228.58 | 10329228.68 | 0.3692 | 0.2184 |
| Mercury | 23573-11-27 22:48 G | 10331252.33 | 10331252.45 | 10331252.57 | 0.3692 | 0.0210 |
| Mercury | 23575-06-10 16:48 G | 10331812.10 | 10331812.20 | 10331812.30 | 0.3679 | 0.1974 |
| Mercury | 23579-06-13 19:12 G | 10333276.20 | 10333276.30 | 10333276.41 | 0.3693 | 0.1691 |
| Mercury | 23580-12-24 13:12 G | 10333835.92 | 10333836.05 | 10333836.17 | 0.3678 | 0.0177 |
| Mercury | 23584-12-27 15:21 G | 10335300.11 | 10335300.14 | 10335300.18 | 0.3694 | 0.3492 |
| Mercury | 23586-07-10 09:50 G | 10335859.80 | 10335859.91 | 10335860.02 | 0.3678 | 0.1811 |
| Mercury | 23619-06-05 03:36 G | 10347877.63 | 10347877.65 | 10347877.68 | 0.3691 | 0.3581 |
| Mercury | 23624-12-19 00:57 G | 10349901.42 | 10349901.54 | 10349901.65 | 0.3692 | 0.1537 |
| Mercury | 23626-07-01 19:26 G | 10350461.25 | 10350461.31 | 10350461.36 | 0.3679 | 0.3173 |
| Mercury | 23630-07-04 21:36 G | 10351925.28 | 10351925.40 | 10351925.52 | 0.3693 | 0.0424 |
| Mercury | 23632-01-15 15:21 G | 10352485.03 | 10352485.14 | 10352485.26 | 0.3678 | 0.1384 |
| Mercury | 23636-01-18 18:00 G | 10353949.16 | 10353949.25 | 10353949.34 | 0.3693 | 0.2291 |
| Mercury | 23637-07-31 12:00 G | 10354508.88 | 10354509.00 | 10354509.12 | 0.3678 | 0.0509 |
| Mercury | 23643-02-14 08:38 G | 10356532.77 | 10356532.86 | 10356532.95 | 0.3677 | 0.2471 |
| Mercury | 23676-01-10 02:38 G | 10368550.54 | 10368550.61 | 10368550.69 | 0.3692 | 0.2907 |
| Mercury | 23681-07-25 23:45 G | 10370574.37 | 10370574.49 | 10370574.61 | 0.3692 | 0.0881 |
| Mercury | 23683-02-05 18:00 G | 10371134.17 | 10371134.25 | 10371134.34 | 0.3679 | 0.2586 |
| Mercury | 23687-02-08 20:24 G | 10372598.24 | 10372598.35 | 10372598.47 | 0.3693 | 0.1052 |
| Mercury | 23688-08-21 14:09 G | 10373157.98 | 10373158.09 | 10373158.21 | 0.3678 | 0.0774 |
| Mercury | 23692-08-24 16:48 G | 10374622.13 | 10374622.20 | 10374622.27 | 0.3693 | 0.2896 |
| Mercury | 23694-03-07 10:48 G | 10375181.83 | 10375181.95 | 10375182.07 | 0.3678 | 0.1142 |
| Mercury | 23699-09-21 07:40 G | 10377205.76 | 10377205.82 | 10377205.88 | 0.3677 | 0.3134 |
| Mercury | 23732-08-17 01:40 G | 10389223.47 | 10389223.57 | 10389223.67 | 0.3692 | 0.2237 |
| Mercury | 23738-03-02 22:33 G | 10391247.32 | 10391247.44 | 10391247.57 | 0.3692 | 0.0262 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 23739-09-13 16:48 G | 10391807.10 | 10391807.20 | 10391807.30 | 0.3679 | 0.1997 |
| Mercury | 23743-09-16 19:12 G | 10393271.19 | 10393271.30 | 10393271.41 | 0.3693 | 0.1669 |
| Mercury | 23745-03-29 12:57 G | 10393830.92 | 10393831.04 | 10393831.16 | 0.3678 | 0.0164 |
| Mercury | 23749-04-01 15:21 G | 10395295.11 | 10395295.14 | 10395295.18 | 0.3694 | 0.3496 |
| Mercury | 23750-10-13 09:36 G | 10395854.80 | 10395854.90 | 10395855.01 | 0.3678 | 0.1784 |
| Mercury | 23783-09-08 03:21 G | 10407872.63 | 10407872.64 | 10407872.66 | 0.3691 | 0.3646 |
| Mercury | 23789-03-24 00:43 G | 10409896.42 | 10409896.53 | 10409896.64 | 0.3692 | 0.1577 |
| Mercury | 23790-10-04 19:26 G | 10410456.25 | 10410456.31 | 10410456.36 | 0.3679 | 0.3192 |
| Mercury | 23794-10-07 21:36 G | 10411920.28 | 10411920.40 | 10411920.52 | 0.3693 | 0.0418 |
| Mercury | 23796-04-19 15:21 G | 10412480.03 | 10412480.14 | 10412480.25 | 0.3679 | 0.1401 |
| Mercury | 23800-04-23 18:00 G | 10413944.15 | 10413944.25 | 10413944.34 | 0.3693 | 0.2280 |
| Mercury | 23801-11-04 11:45 G | 10414503.87 | 10414503.99 | 10414504.11 | 0.3678 | 0.0470 |
| Mercury | 23807-05-21 08:38 G | 10416527.77 | 10416527.86 | 10416527.95 | 0.3677 | 0.2439 |
| Mercury | 23840-04-15 02:24 G | 10428545.53 | 10428545.60 | 10428545.67 | 0.3692 | 0.2970 |
| Mercury | 23845-10-29 23:31 G | 10430569.36 | 10430569.48 | 10430569.60 | 0.3692 | 0.0924 |
| Mercury | 23847-05-12 18:00 G | 10431129.17 | 10431129.25 | 10431129.33 | 0.3679 | 0.2611 |
| Mercury | 23851-05-15 20:09 G | 10432593.23 | 10432593.34 | 10432593.46 | 0.3693 | 0.1023 |
| Mercury | 23852-11-25 14:09 G | 10433152.97 | 10433153.09 | 10433153.20 | 0.3678 | 0.0807 |
| Mercury | 23856-11-28 16:33 G | 10434617.12 | 10434617.19 | 10434617.27 | 0.3693 | 0.2888 |
| Mercury | 23858-06-11 10:33 G | 10435176.83 | 10435176.94 | 10435177.06 | 0.3678 | 0.1105 |
| Mercury | 23863-12-26 07:26 G | 10437200.74 | 10437200.81 | 10437200.87 | 0.3677 | 0.3091 |
| Mercury | 23896-11-20 01:26 G | 10449218.46 | 10449218.56 | 10449218.65 | 0.3692 | 0.2297 |
| Mercury | 23902-06-06 22:19 G | 10451242.31 | 10451242.43 | 10451242.55 | 0.3692 | 0.0289 |
| Mercury | 23903-12-18 16:33 G | 10451802.09 | 10451802.19 | 10451802.29 | 0.3679 | 0.2032 |
| Mercury | 23907-12-21 18:57 G | 10453266.18 | 10453266.29 | 10453266.40 | 0.3693 | 0.1646 |
| Mercury | 23909-07-03 12:57 G | 10453825.91 | 10453826.04 | 10453826.16 | 0.3678 | 0.0221 |
| Mercury | 23913-07-06 15:21 G | 10455290.10 | 10455290.14 | 10455290.17 | 0.3693 | 0.3485 |
| Mercury | 23915-01-17 09:21 G | 10455849.79 | 10455849.89 | 10455850.00 | 0.3678 | 0.1751 |
| Mercury | 23953-06-28 00:14 G | 10469891.40 | 10469891.51 | 10469891.62 | 0.3692 | 0.1641 |
| Mercury | 23955-01-08 19:26 G | 10470451.25 | 10470451.31 | 10470451.36 | 0.3679 | 0.3223 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 23959-01-11 21:07 G | 10471915.26 | 10471915.38 | 10471915.51 | 0.3693 | 0.0376 |
| Mercury | 23960-07-24 15:21 G | 10472475.03 | 10472475.14 | 10472475.25 | 0.3678 | 0.1432 |
| Mercury | 23964-07-27 17:45 G | 10473939.15 | 10473939.24 | 10473939.34 | 0.3693 | 0.2265 |
| Mercury | 23966-02-07 11:45 G | 10474498.86 | 10474498.99 | 10474499.11 | 0.3678 | 0.0466 |
| Mercury | 23971-08-24 08:24 G | 10476522.76 | 10476522.85 | 10476522.94 | 0.3677 | 0.2405 |

25TH MILLENNIUM CE

This is a list of transits visible from Venus in the 25th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 24004-07-19 02:09 G | | 10488540.52 | 10488540.59 | 10488540.65 | 0.3691 | 0.3039 | |
| Mercury | 24010-02-01 23:16 G | | 10490564.35 | 10490564.47 | 10490564.59 | 0.3692 | 0.0979 | |
| Mercury | 24011-08-15 18:00 G | | 10491124.17 | 10491124.25 | 10491124.33 | 0.3679 | 0.2640 | |
| Mercury | 24015-08-18 20:09 G | | 10492588.22 | 10492588.34 | 10492588.45 | 0.3693 | 0.1006 | |
| Mercury | 24017-02-28 14:09 G | | 10493147.97 | 10493148.09 | 10493148.20 | 0.3678 | 0.0832 | |
| Mercury | 24021-03-03 16:33 G | | 10494612.12 | 10494612.19 | 10494612.26 | 0.3693 | 0.2882 | |
| Mercury | 24022-09-14 10:33 G | | 10495171.82 | 10495171.94 | 10495172.05 | 0.3678 | 0.1089 | |
| Mercury | 24028-03-30 07:12 G | | 10497195.74 | 10497195.80 | 10497195.87 | 0.3677 | 0.3074 | |
| Mercury | 24061-02-23 01:12 G | | 10509213.45 | 10509213.55 | 10509213.64 | 0.3692 | 0.2360 | |
| Mercury | 24066-09-08 22:04 G | | 10511237.30 | 10511237.42 | 10511237.55 | 0.3692 | 0.0333 | |
| Mercury | 24068-03-21 16:33 G | | 10511797.09 | 10511797.19 | 10511797.29 | 0.3679 | 0.2050 | |
| Mercury | 24072-03-24 18:57 G | | 10513261.18 | 10513261.29 | 10513261.40 | 0.3693 | 0.1635 | |
| Mercury | 24073-10-05 12:43 G | | 10513820.91 | 10513821.03 | 10513821.15 | 0.3678 | 0.0224 | |
| Mercury | 24077-10-08 15:07 G | | 10515285.10 | 10515285.13 | 10515285.17 | 0.3693 | 0.3494 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 24079-04-21 09:21 G | 10515844.78 | 10515844.89 | 10515845.00 | 0.3678 | 0.1731 |
| Mercury | 24117-10-01 00:00 G | 10529886.39 | 10529886.50 | 10529886.61 | 0.3692 | 0.1685 |
| Mercury | 24119-04-13 19:26 G | 10530446.25 | 10530446.31 | 10530446.36 | 0.3679 | 0.3237 |
| Mercury | 24123-04-16 21:07 G | 10531910.25 | 10531910.38 | 10531910.50 | 0.3693 | 0.0352 |
| Mercury | 24124-10-27 15:21 G | 10532470.03 | 10532470.14 | 10532470.24 | 0.3679 | 0.1463 |
| Mercury | 24128-10-30 17:45 G | 10533934.14 | 10533934.24 | 10533934.33 | 0.3693 | 0.2263 |
| Mercury | 24130-05-13 11:31 G | 10534493.86 | 10534493.98 | 10534494.10 | 0.3678 | 0.0426 |
| Mercury | 24135-11-27 08:09 G | 10536517.74 | 10536517.84 | 10536517.93 | 0.3677 | 0.2375 |
| Mercury | 24168-10-22 01:40 G | 10548535.51 | 10548535.57 | 10548535.64 | 0.3691 | 0.3097 |
| Mercury | 24174-05-07 23:02 G | 10550559.34 | 10550559.46 | 10550559.58 | 0.3692 | 0.1024 |
| Mercury | 24175-11-18 18:00 G | 10551119.17 | 10551119.25 | 10551119.33 | 0.3679 | 0.2667 |
| Mercury | 24179-11-21 19:55 G | 10552583.21 | 10552583.33 | 10552583.45 | 0.3693 | 0.0978 |
| Mercury | 24181-06-03 13:55 G | 10553142.97 | 10553143.08 | 10553143.20 | 0.3679 | 0.0845 |
| Mercury | 24185-06-06 16:19 G | 10554607.11 | 10554607.18 | 10554607.25 | 0.3693 | 0.2870 |
| Mercury | 24186-12-18 10:19 G | 10555166.81 | 10555166.93 | 10555167.04 | 0.3678 | 0.1054 |
| Mercury | 24192-07-03 06:57 G | 10557190.72 | 10557190.79 | 10557190.86 | 0.3677 | 0.3042 |
| Mercury | 24225-05-30 00:43 G | 10569208.44 | 10569208.53 | 10569208.62 | 0.3692 | 0.2424 |
| Mercury | 24230-12-13 21:50 G | 10571232.29 | 10571232.41 | 10571232.53 | 0.3692 | 0.0362 |
| Mercury | 24232-06-25 16:33 G | 10571792.09 | 10571792.19 | 10571792.29 | 0.3679 | 0.2077 |
| Mercury | 24236-06-28 18:43 G | 10573256.17 | 10573256.28 | 10573256.38 | 0.3693 | 0.1609 |
| Mercury | 24238-01-09 12:43 G | 10573815.91 | 10573816.03 | 10573816.15 | 0.3678 | 0.0244 |
| Mercury | 24242-01-12 15:07 G | 10575280.09 | 10575280.13 | 10575280.16 | 0.3694 | 0.3486 |
| Mercury | 24243-07-26 09:07 G | 10575839.77 | 10575839.88 | 10575839.99 | 0.3678 | 0.1698 |
| Mercury | 24282-01-03 23:45 G | 10589881.38 | 10589881.49 | 10589881.60 | 0.3692 | 0.1743 |
| Mercury | 24283-07-17 19:26 G | 10590441.25 | 10590441.31 | 10590441.36 | 0.3679 | 0.3266 |
| Mercury | 24287-07-20 20:52 G | 10591905.24 | 10591905.37 | 10591905.49 | 0.3692 | 0.0325 |
| Mercury | 24289-01-30 15:07 G | 10592465.02 | 10592465.13 | 10592465.24 | 0.3679 | 0.1478 |
| Mercury | 24293-02-02 17:31 G | 10593929.13 | 10593929.23 | 10593929.32 | 0.3693 | 0.2243 |
| Mercury | 24294-08-16 11:31 G | 10594488.86 | 10594488.98 | 10594489.10 | 0.3678 | 0.0420 |
| Mercury | 24300-03-02 07:55 G | 10596512.74 | 10596512.83 | 10596512.92 | 0.3677 | 0.2361 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 24333-01-26 01:12 G | 10608530.49 | 10608530.55 | 10608530.62 | 0.3691 | 0.3176 |
| Mercury | 24338-08-11 22:48 G | 10610554.33 | 10610554.45 | 10610554.56 | 0.3692 | 0.1065 |
| Mercury | 24340-02-22 18:00 G | 10611114.17 | 10611114.25 | 10611114.33 | 0.3679 | 0.2681 |
| Mercury | 24344-02-25 19:40 G | 10612578.20 | 10612578.32 | 10612578.44 | 0.3693 | 0.0951 |
| Mercury | 24345-09-07 13:55 G | 10613137.96 | 10613138.08 | 10613138.20 | 0.3678 | 0.0859 |
| Mercury | 24349-09-10 16:19 G | 10614602.10 | 10614602.18 | 10614602.25 | 0.3693 | 0.2874 |
| Mercury | 24351-03-24 10:04 G | 10615161.81 | 10615161.92 | 10615162.04 | 0.3678 | 0.1045 |
| Mercury | 24356-10-07 06:43 G | 10617185.72 | 10617185.78 | 10617185.85 | 0.3677 | 0.3030 |
| Mercury | 24389-09-02 00:28 G | 10629203.42 | 10629203.52 | 10629203.61 | 0.3692 | 0.2477 |
| Mercury | 24395-03-18 21:36 G | 10631227.28 | 10631227.40 | 10631227.52 | 0.3692 | 0.0391 |
| Mercury | 24396-09-28 16:33 G | 10631787.09 | 10631787.19 | 10631787.29 | 0.3679 | 0.2086 |
| Mercury | 24400-10-01 18:28 G | 10633251.16 | 10633251.27 | 10633251.38 | 0.3693 | 0.1597 |
| Mercury | 24402-04-14 12:43 G | 10633810.91 | 10633811.03 | 10633811.15 | 0.3678 | 0.0266 |
| Mercury | 24406-04-17 14:52 G | 10635275.09 | 10635275.12 | 10635275.16 | 0.3694 | 0.3497 |
| Mercury | 24407-10-29 08:52 G | 10635834.77 | 10635834.87 | 10635834.98 | 0.3678 | 0.1687 |
| Mercury | 24446-04-08 23:31 G | 10649876.37 | 10649876.48 | 10649876.58 | 0.3692 | 0.1783 |
| Mercury | 24447-10-20 19:26 G | 10650436.26 | 10650436.31 | 10650436.36 | 0.3679 | 0.3280 |
| Mercury | 24451-10-23 20:38 G | 10651900.24 | 10651900.36 | 10651900.48 | 0.3692 | 0.0290 |
| Mercury | 24453-05-05 15:07 G | 10652460.03 | 10652460.13 | 10652460.24 | 0.3679 | 0.1488 |
| Mercury | 24457-05-08 17:16 G | 10653924.12 | 10653924.22 | 10653924.32 | 0.3693 | 0.2232 |
| Mercury | 24458-11-19 11:16 G | 10654483.85 | 10654483.97 | 10654484.09 | 0.3678 | 0.0376 |
| Mercury | 24464-06-04 07:40 G | 10656507.73 | 10656507.82 | 10656507.92 | 0.3678 | 0.2343 |
| Mercury | 24497-04-30 00:57 G | 10668525.48 | 10668525.54 | 10668525.60 | 0.3692 | 0.3237 |
| Mercury | 24502-11-14 22:19 G | 10670549.32 | 10670549.43 | 10670549.55 | 0.3692 | 0.1102 |
| Mercury | 24504-05-27 18:00 G | 10671109.17 | 10671109.25 | 10671109.33 | 0.3679 | 0.2698 |
| Mercury | 24508-05-30 19:26 G | 10672573.19 | 10672573.31 | 10672573.42 | 0.3693 | 0.0929 |
| Mercury | 24509-12-11 13:55 G | 10673132.96 | 10673133.08 | 10673133.19 | 0.3678 | 0.0894 |
| Mercury | 24513-12-14 16:04 G | 10674597.09 | 10674597.17 | 10674597.24 | 0.3693 | 0.2868 |
| Mercury | 24515-06-27 10:04 G | 10675156.80 | 10675156.92 | 10675157.03 | 0.3678 | 0.1016 |
| Mercury | 24521-01-10 06:43 G | 10677180.71 | 10677180.78 | 10677180.84 | 0.3677 | 0.3001 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 24553-12-06 00:00 G | 10689198.41 | 10689198.50 | 10689198.59 | 0.3692 | 0.2531 |
| Mercury | 24559-06-21 21:21 G | 10691222.27 | 10691222.39 | 10691222.51 | 0.3692 | 0.0440 |
| Mercury | 24561-01-01 16:33 G | 10691782.09 | 10691782.19 | 10691782.29 | 0.3679 | 0.2108 |
| Mercury | 24565-01-04 18:14 G | 10693246.15 | 10693246.26 | 10693246.37 | 0.3693 | 0.1577 |
| Mercury | 24566-07-18 12:28 G | 10693805.90 | 10693806.02 | 10693806.14 | 0.3678 | 0.0265 |
| Mercury | 24570-07-21 14:52 G | 10695270.08 | 10695270.12 | 10695270.15 | 0.3693 | 0.3494 |
| Mercury | 24572-02-01 08:52 G | 10695829.76 | 10695829.87 | 10695829.98 | 0.3678 | 0.1666 |
| Mercury | 24577-08-17 05:31 G | 10697853.73 | 10697853.73 | 10697853.73 | 0.3677 | 0.3676 |
| Mercury | 24610-07-13 23:02 G | 10709871.35 | 10709871.46 | 10709871.57 | 0.3692 | 0.1839 |
| Mercury | 24612-01-24 19:26 G | 10710431.26 | 10710431.31 | 10710431.36 | 0.3679 | 0.3298 |
| Mercury | 24616-01-27 20:09 G | 10711895.22 | 10711895.34 | 10711895.46 | 0.3692 | 0.0244 |
| Mercury | 24617-08-09 15:07 G | 10712455.02 | 10712455.13 | 10712455.24 | 0.3678 | 0.1505 |
| Mercury | 24621-08-12 17:02 G | 10713919.12 | 10713919.21 | 10713919.31 | 0.3693 | 0.2228 |
| Mercury | 24623-02-23 11:16 G | 10714478.85 | 10714478.97 | 10714479.09 | 0.3678 | 0.0378 |
| Mercury | 24628-09-08 07:40 G | 10716502.72 | 10716502.82 | 10716502.91 | 0.3677 | 0.2323 |
| Mercury | 24661-08-04 00:28 G | 10728520.47 | 10728520.52 | 10728520.58 | 0.3691 | 0.3297 |
| Mercury | 24667-02-17 22:04 G | 10730544.30 | 10730544.42 | 10730544.54 | 0.3692 | 0.1146 |
| Mercury | 24668-08-30 18:00 G | 10731104.17 | 10731104.25 | 10731104.33 | 0.3679 | 0.2708 |
| Mercury | 24672-09-02 19:12 G | 10732568.18 | 10732568.30 | 10732568.42 | 0.3693 | 0.0913 |
| Mercury | 24674-03-16 13:55 G | 10733127.96 | 10733128.08 | 10733128.19 | 0.3678 | 0.0900 |
| Mercury | 24678-03-19 15:50 G | 10734592.09 | 10734592.16 | 10734592.24 | 0.3693 | 0.2873 |
| Mercury | 24679-09-30 10:04 G | 10735151.80 | 10735151.92 | 10735152.03 | 0.3678 | 0.1017 |
| Mercury | 24685-04-15 06:28 G | 10737175.70 | 10737175.77 | 10737175.84 | 0.3677 | 0.2991 |
| Mercury | 24718-03-11 23:45 G | 10749193.40 | 10749193.49 | 10749193.57 | 0.3692 | 0.2582 |
| Mercury | 24723-09-25 21:07 G | 10751217.25 | 10751217.38 | 10751217.50 | 0.3692 | 0.0474 |
| Mercury | 24725-04-07 16:33 G | 10751777.09 | 10751777.19 | 10751777.29 | 0.3679 | 0.2113 |
| Mercury | 24729-04-10 18:00 G | 10753241.14 | 10753241.25 | 10753241.36 | 0.3693 | 0.1575 |
| Mercury | 24730-10-22 12:28 G | 10753800.90 | 10753801.02 | 10753801.14 | 0.3678 | 0.0276 |
| Mercury | 24734-10-25 14:38 G | 10755265.08 | 10755265.11 | 10755265.15 | 0.3693 | 0.3505 |
| Mercury | 24736-05-07 08:38 G | 10755824.76 | 10755824.86 | 10755824.97 | 0.3678 | 0.1663 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 24741-11-21 05:16 G | 10757848.71 | 10757848.72 | 10757848.73 | 0.3677 | 0.3657 |
| Mercury | 24774-10-16 22:48 G | 10769866.34 | 10769866.45 | 10769866.55 | 0.3692 | 0.1879 |
| Mercury | 24776-04-28 19:26 G | 10770426.26 | 10770426.31 | 10770426.36 | 0.3679 | 0.3301 |
| Mercury | 24780-05-01 19:55 G | 10771890.21 | 10771890.33 | 10771890.45 | 0.3693 | 0.0224 |
| Mercury | 24781-11-12 15:07 G | 10772450.02 | 10772450.13 | 10772450.24 | 0.3679 | 0.1520 |
| Mercury | 24785-11-15 16:48 G | 10773914.11 | 10773914.20 | 10773914.30 | 0.3693 | 0.2231 |
| Mercury | 24787-05-29 11:02 G | 10774473.85 | 10774473.96 | 10774474.08 | 0.3678 | 0.0387 |
| Mercury | 24792-12-12 07:26 G | 10776497.72 | 10776497.81 | 10776497.90 | 0.3677 | 0.2304 |
| Mercury | 24825-11-07 00:14 G | 10788515.46 | 10788515.51 | 10788515.56 | 0.3691 | 0.3351 |
| Mercury | 24831-05-23 21:36 G | 10790539.29 | 10790539.40 | 10790539.52 | 0.3692 | 0.1196 |
| Mercury | 24832-12-03 18:00 G | 10791099.17 | 10791099.25 | 10791099.33 | 0.3679 | 0.2724 |
| Mercury | 24836-12-06 18:57 G | 10792563.17 | 10792563.29 | 10792563.41 | 0.3693 | 0.0895 |
| Mercury | 24838-06-19 13:40 G | 10793122.96 | 10793123.07 | 10793123.19 | 0.3679 | 0.0911 |
| Mercury | 24842-06-22 15:36 G | 10794587.08 | 10794587.15 | 10794587.23 | 0.3693 | 0.2861 |
| Mercury | 24844-01-03 09:50 G | 10795146.79 | 10795146.91 | 10795147.03 | 0.3678 | 0.0990 |
| Mercury | 24849-07-19 06:14 G | 10797170.69 | 10797170.76 | 10797170.83 | 0.3677 | 0.2969 |
| Mercury | 24882-06-13 23:16 G | 10809188.38 | 10809188.47 | 10809188.55 | 0.3692 | 0.2649 |
| Mercury | 24887-12-28 20:38 G | 10811212.24 | 10811212.36 | 10811212.48 | 0.3692 | 0.0500 |
| Mercury | 24889-07-10 16:33 G | 10811772.09 | 10811772.19 | 10811772.28 | 0.3679 | 0.2132 |
| Mercury | 24893-07-13 17:45 G | 10813236.13 | 10813236.24 | 10813236.35 | 0.3693 | 0.1552 |
| Mercury | 24895-01-24 12:28 G | 10813795.90 | 10813796.02 | 10813796.14 | 0.3678 | 0.0311 |
| Mercury | 24899-01-27 14:24 G | 10815260.07 | 10815260.10 | 10815260.14 | 0.3693 | 0.3506 |
| Mercury | 24900-08-10 08:38 G | 10815819.75 | 10815819.86 | 10815819.96 | 0.3678 | 0.1641 |
| Mercury | 24906-02-24 05:02 G | 10817843.70 | 10817843.71 | 10817843.72 | 0.3677 | 0.3654 |
| Mercury | 24939-01-19 22:19 G | 10829861.32 | 10829861.43 | 10829861.53 | 0.3692 | 0.1934 |
| Mercury | 24940-08-01 19:26 G | 10830421.26 | 10830421.31 | 10830421.36 | 0.3679 | 0.3316 |
| Mercury | 24944-08-04 19:40 G | 10831885.20 | 10831885.32 | 10831885.44 | 0.3692 | 0.0193 |
| Mercury | 24946-02-15 15:07 G | 10832445.02 | 10832445.13 | 10832445.24 | 0.3679 | 0.1525 |
| Mercury | 24950-02-18 16:33 G | 10833909.10 | 10833909.19 | 10833909.29 | 0.3693 | 0.2214 |
| Mercury | 24951-09-01 11:02 G | 10834468.84 | 10834468.96 | 10834469.08 | 0.3678 | 0.0352 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 24957-03-17 07:26 G | 10836492.71 | 10836492.81 | 10836492.90 | 0.3677 | 0.2302 |
| Mercury | 24990-02-09 23:45 G | 10848510.44 | 10848510.49 | 10848510.53 | 0.3691 | 0.3425 |
| Mercury | 24995-08-26 21:21 G | 10850534.27 | 10850534.39 | 10850534.51 | 0.3692 | 0.1223 |
| Mercury | 24997-03-08 18:00 G | 10851094.17 | 10851094.25 | 10851094.33 | 0.3679 | 0.2727 |

26TH MILLENNIUM CE

This is a list of transits visible from Venus in the 26th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 25001-03-12 18:43 G | | 10852558.16 | 10852558.28 | 10852558.40 | 0.3693 | 0.0883 | |
| Mercury | 25002-09-23 13:40 G | | 10853117.96 | 10853118.07 | 10853118.19 | 0.3678 | 0.0915 | |
| Mercury | 25006-09-26 15:21 G | | 10854582.07 | 10854582.14 | 10854582.22 | 0.3693 | 0.2872 | |
| Mercury | 25008-04-08 09:50 G | | 10855141.79 | 10855141.91 | 10855142.02 | 0.3678 | 0.0989 | |
| Mercury | 25013-10-23 06:14 G | | 10857165.69 | 10857165.76 | 10857165.83 | 0.3677 | 0.2970 | |
| Mercury | 25046-09-17 22:48 G | | 10869183.37 | 10869183.45 | 10869183.54 | 0.3692 | 0.2695 | |
| Mercury | 25052-04-02 20:24 G | | 10871207.23 | 10871207.35 | 10871207.47 | 0.3692 | 0.0518 | |
| Mercury | 25053-10-14 16:33 G | | 10871767.10 | 10871767.19 | 10871767.29 | 0.3679 | 0.2132 | |
| Mercury | 25057-10-17 17:31 G | | 10873231.12 | 10873231.23 | 10873231.34 | 0.3693 | 0.1549 | |
| Mercury | 25059-04-30 12:28 G | | 10873790.90 | 10873791.02 | 10873791.14 | 0.3678 | 0.0295 | |
| Mercury | 25063-05-03 14:24 G | | 10875255.06 | 10875255.10 | 10875255.13 | 0.3694 | 0.3525 | |
| Mercury | 25064-11-13 08:24 G | | 10875814.75 | 10875814.85 | 10875814.96 | 0.3678 | 0.1633 | |
| Mercury | 25070-05-30 05:02 G | | 10877838.70 | 10877838.71 | 10877838.72 | 0.3677 | 0.3650 | |
| Mercury | 25103-04-25 21:50 G | | 10889856.31 | 10889856.41 | 10889856.52 | 0.3692 | 0.1979 | |
| Mercury | 25104-11-05 19:40 G | | 10890416.27 | 10890416.32 | 10890416.36 | 0.3679 | 0.3326 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 25108-11-08 19:26 G | 10891880.19 | 10891880.31 | 10891880.43 | 0.3692 | 0.0181 |
| Mercury | 25110-05-22 15:07 G | 10892440.02 | 10892440.13 | 10892440.24 | 0.3679 | 0.1529 |
| Mercury | 25114-05-25 16:19 G | 10893904.08 | 10893904.18 | 10893904.28 | 0.3693 | 0.2209 |
| Mercury | 25115-12-06 11:02 G | 10894463.84 | 10894463.96 | 10894464.08 | 0.3678 | 0.0342 |
| Mercury | 25121-06-21 07:12 G | 10896487.71 | 10896487.80 | 10896487.89 | 0.3678 | 0.2288 |
| Mercury | 25154-05-16 23:16 G | 10908505.43 | 10908505.47 | 10908505.51 | 0.3691 | 0.3487 |
| Mercury | 25159-11-30 21:07 G | 10910529.26 | 10910529.38 | 10910529.49 | 0.3692 | 0.1262 |
| Mercury | 25161-06-12 18:00 G | 10911089.18 | 10911089.25 | 10911089.33 | 0.3679 | 0.2738 |
| Mercury | 25165-06-15 18:14 G | 10912553.14 | 10912553.26 | 10912553.38 | 0.3693 | 0.0853 |
| Mercury | 25166-12-27 13:40 G | 10913112.96 | 10913113.07 | 10913113.19 | 0.3678 | 0.0922 |
| Mercury | 25170-12-30 15:07 G | 10914577.06 | 10914577.13 | 10914577.21 | 0.3693 | 0.2877 |
| Mercury | 25172-07-12 09:36 G | 10915136.79 | 10915136.90 | 10915137.02 | 0.3678 | 0.0980 |
| Mercury | 25178-01-26 06:00 G | 10917160.68 | 10917160.75 | 10917160.82 | 0.3677 | 0.2957 |
| Mercury | 25210-12-21 22:19 G | 10929178.35 | 10929178.43 | 10929178.52 | 0.3692 | 0.2754 |
| Mercury | 25216-07-06 19:55 G | 10931202.21 | 10931202.33 | 10931202.46 | 0.3692 | 0.0570 |
| Mercury | 25218-01-17 16:33 G | 10931762.10 | 10931762.19 | 10931762.29 | 0.3679 | 0.2144 |
| Mercury | 25222-01-20 17:16 G | 10933226.11 | 10933226.22 | 10933226.33 | 0.3693 | 0.1535 |
| Mercury | 25223-08-03 12:14 G | 10933785.89 | 10933786.01 | 10933786.13 | 0.3678 | 0.0313 |
| Mercury | 25227-08-06 14:09 G | 10935250.05 | 10935250.09 | 10935250.12 | 0.3693 | 0.3532 |
| Mercury | 25229-02-16 08:24 G | 10935809.74 | 10935809.85 | 10935809.96 | 0.3678 | 0.1627 |
| Mercury | 25234-09-02 04:48 G | 10937833.69 | 10937833.70 | 10937833.71 | 0.3677 | 0.3637 |
| Mercury | 25267-07-28 21:36 G | 10949851.29 | 10949851.40 | 10949851.50 | 0.3692 | 0.2027 |
| Mercury | 25269-02-07 19:40 G | 10950411.27 | 10950411.32 | 10950411.37 | 0.3679 | 0.3327 |
| Mercury | 25273-02-10 18:57 G | 10951875.17 | 10951875.29 | 10951875.42 | 0.3692 | 0.0149 |
| Mercury | 25274-08-24 15:07 G | 10952435.02 | 10952435.13 | 10952435.24 | 0.3679 | 0.1537 |
| Mercury | 25278-08-27 16:04 G | 10953899.08 | 10953899.17 | 10953899.27 | 0.3693 | 0.2215 |
| Mercury | 25280-03-09 11:02 G | 10954458.84 | 10954458.96 | 10954459.08 | 0.3678 | 0.0347 |
| Mercury | 25285-09-23 07:12 G | 10956482.70 | 10956482.80 | 10956482.89 | 0.3677 | 0.2292 |
| Mercury | 25318-08-19 22:48 G | 10968500.42 | 10968500.45 | 10968500.48 | 0.3691 | 0.3542 |
| Mercury | 25324-03-04 20:38 G | 10970524.24 | 10970524.36 | 10970524.48 | 0.3692 | 0.1298 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 25325-09-15 18:14 G | 10971084.18 | 10971084.26 | 10971084.33 | 0.3679 | 0.2737 |
| Mercury | 25329-09-18 18:00 G | 10972548.13 | 10972548.25 | 10972548.37 | 0.3693 | 0.0842 |
| Mercury | 25331-04-01 13:40 G | 10973107.96 | 10973108.07 | 10973108.19 | 0.3678 | 0.0921 |
| Mercury | 25335-04-04 15:07 G | 10974572.05 | 10974572.13 | 10974572.20 | 0.3693 | 0.2889 |
| Mercury | 25336-10-15 09:36 G | 10975131.79 | 10975131.90 | 10975132.02 | 0.3678 | 0.0983 |
| Mercury | 25342-05-01 06:00 G | 10977155.68 | 10977155.75 | 10977155.82 | 0.3677 | 0.2964 |
| Mercury | 25375-03-26 22:04 G | 10989173.34 | 10989173.42 | 10989173.50 | 0.3692 | 0.2798 |
| Mercury | 25380-10-09 19:40 G | 10991197.20 | 10991197.32 | 10991197.44 | 0.3692 | 0.0582 |
| Mercury | 25382-04-22 16:33 G | 10991757.10 | 10991757.19 | 10991757.29 | 0.3679 | 0.2143 |
| Mercury | 25386-04-25 17:02 G | 10993221.10 | 10993221.21 | 10993221.32 | 0.3693 | 0.1536 |
| Mercury | 25387-11-06 12:14 G | 10993780.89 | 10993781.01 | 10993781.13 | 0.3678 | 0.0315 |
| Mercury | 25391-11-09 13:55 G | 10995245.05 | 10995245.08 | 10995245.11 | 0.3693 | 0.3551 |
| Mercury | 25393-05-22 08:24 G | 10995804.74 | 10995804.85 | 10995804.95 | 0.3678 | 0.1634 |
| Mercury | 25398-12-06 04:33 G | 10997828.68 | 10997828.69 | 10997828.71 | 0.3677 | 0.3631 |
| Mercury | 25431-11-01 21:07 G | 11009846.28 | 11009846.38 | 11009846.48 | 0.3692 | 0.2058 |
| Mercury | 25433-05-14 19:40 G | 11010406.28 | 11010406.32 | 11010406.37 | 0.3679 | 0.3323 |
| Mercury | 25437-05-17 18:43 G | 11011870.16 | 11011870.28 | 11011870.40 | 0.3692 | 0.0128 |
| Mercury | 25438-11-28 15:07 G | 11012430.02 | 11012430.13 | 11012430.24 | 0.3679 | 0.1539 |
| Mercury | 25442-12-01 15:50 G | 11013894.07 | 11013894.16 | 11013894.26 | 0.3693 | 0.2221 |
| Mercury | 25444-06-13 11:02 G | 11014453.84 | 11014453.96 | 11014454.07 | 0.3678 | 0.0355 |
| Mercury | 25449-12-28 06:57 G | 11016477.70 | 11016477.79 | 11016477.88 | 0.3678 | 0.2284 |
| Mercury | 25482-11-22 22:19 G | 11028495.41 | 11028495.43 | 11028495.46 | 0.3691 | 0.3599 |
| Mercury | 25488-06-07 20:09 G | 11030519.23 | 11030519.34 | 11030519.46 | 0.3692 | 0.1340 |
| Mercury | 25489-12-19 18:14 G | 11031079.18 | 11031079.26 | 11031079.33 | 0.3679 | 0.2746 |
| Mercury | 25493-12-22 17:45 G | 11032543.12 | 11032543.24 | 11032543.36 | 0.3693 | 0.0833 |
| Mercury | 25495-07-05 13:40 G | 11033102.96 | 11033103.07 | 11033103.19 | 0.3679 | 0.0925 |
| Mercury | 25499-07-08 14:38 G | 11034567.04 | 11034567.11 | 11034567.19 | 0.3693 | 0.2884 |
| Mercury | 25501-01-19 09:36 G | 11035126.78 | 11035126.90 | 11035127.01 | 0.3678 | 0.0973 |
| Mercury | 25506-08-05 05:45 G | 11037150.67 | 11037150.74 | 11037150.81 | 0.3677 | 0.2953 |
| Mercury | 25539-06-30 21:21 G | 11049168.32 | 11049168.39 | 11049168.47 | 0.3691 | 0.2863 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 25545-01-13 19:12 G | 11051192.18 | 11051192.30 | 11051192.43 | 0.3692 | 0.0620 |
| Mercury | 25546-07-27 16:33 G | 11051752.10 | 11051752.19 | 11051752.29 | 0.3679 | 0.2149 |
| Mercury | 25550-07-30 16:33 G | 11053216.08 | 11053216.19 | 11053216.30 | 0.3693 | 0.1523 |
| Mercury | 25552-02-10 12:14 G | 11053775.89 | 11053776.01 | 11053776.13 | 0.3678 | 0.0311 |
| Mercury | 25556-02-13 13:40 G | 11055240.04 | 11055240.07 | 11055240.10 | 0.3693 | 0.3557 |
| Mercury | 25557-08-26 08:09 G | 11055799.74 | 11055799.84 | 11055799.95 | 0.3678 | 0.1632 |
| Mercury | 25563-03-12 04:33 G | 11057823.67 | 11057823.69 | 11057823.70 | 0.3677 | 0.3637 |
| Mercury | 25596-02-04 20:38 G | 11069841.26 | 11069841.36 | 11069841.46 | 0.3692 | 0.2112 |
| Mercury | 25597-08-17 19:55 G | 11070401.28 | 11070401.33 | 11070401.37 | 0.3679 | 0.3331 |
| Mercury | 25601-08-20 18:14 G | 11071865.14 | 11071865.26 | 11071865.39 | 0.3692 | 0.0157 |
| Mercury | 25603-03-03 15:07 G | 11072425.03 | 11072425.13 | 11072425.24 | 0.3679 | 0.1537 |
| Mercury | 25607-03-06 15:36 G | 11073889.05 | 11073889.15 | 11073889.25 | 0.3693 | 0.2213 |
| Mercury | 25608-09-16 10:48 G | 11074448.84 | 11074448.95 | 11074449.07 | 0.3678 | 0.0367 |
| Mercury | 25614-04-02 06:57 G | 11076472.70 | 11076472.79 | 11076472.88 | 0.3677 | 0.2291 |
| Mercury | 25647-02-25 21:50 G | 11088490.40 | 11088490.41 | 11088490.42 | 0.3691 | 0.3666 |
| Mercury | 25652-09-10 19:55 G | 11090514.21 | 11090514.33 | 11090514.44 | 0.3692 | 0.1372 |
| Mercury | 25654-03-24 18:14 G | 11091074.18 | 11091074.26 | 11091074.34 | 0.3679 | 0.2736 |
| Mercury | 25658-03-27 17:16 G | 11092538.10 | 11092538.22 | 11092538.34 | 0.3692 | 0.0829 |
| Mercury | 25659-10-08 13:40 G | 11093097.96 | 11093098.07 | 11093098.19 | 0.3679 | 0.0923 |
| Mercury | 25663-10-11 14:24 G | 11094562.03 | 11094562.10 | 11094562.18 | 0.3693 | 0.2902 |
| Mercury | 25665-04-23 09:36 G | 11095121.78 | 11095121.90 | 11095122.01 | 0.3678 | 0.0985 |
| Mercury | 25670-11-07 05:45 G | 11097145.67 | 11097145.74 | 11097145.81 | 0.3677 | 0.2963 |
| Mercury | 25703-10-03 21:07 G | 11109163.30 | 11109163.38 | 11109163.45 | 0.3691 | 0.2902 |
| Mercury | 25709-04-18 18:57 G | 11111187.17 | 11111187.29 | 11111187.41 | 0.3692 | 0.0633 |
| Mercury | 25710-10-30 16:48 G | 11111747.10 | 11111747.20 | 11111747.29 | 0.3679 | 0.2134 |
| Mercury | 25714-11-02 16:19 G | 11113211.07 | 11113211.18 | 11113211.29 | 0.3693 | 0.1527 |
| Mercury | 25716-05-15 12:14 G | 11113770.90 | 11113771.01 | 11113771.13 | 0.3678 | 0.0317 |
| Mercury | 25720-05-18 13:26 G | 11115235.03 | 11115235.06 | 11115235.08 | 0.3693 | 0.3575 |
| Mercury | 25721-11-29 08:09 G | 11115794.73 | 11115794.84 | 11115794.95 | 0.3678 | 0.1630 |
| Mercury | 25727-06-15 04:19 G | 11117818.67 | 11117818.68 | 11117818.70 | 0.3677 | 0.3642 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 25760-05-09 20:09 G | 11129836.24 | 11129836.34 | 11129836.44 | 0.3692 | 0.2152 |
| Mercury | 25761-11-20 19:55 G | 11130396.28 | 11130396.33 | 11130396.38 | 0.3680 | 0.3329 |
| Mercury | 25765-11-23 18:00 G | 11131860.13 | 11131860.25 | 11131860.37 | 0.3692 | 0.0094 |
| Mercury | 25767-06-06 15:21 G | 11132420.03 | 11132420.14 | 11132420.24 | 0.3679 | 0.1531 |
| Mercury | 25771-06-09 15:21 G | 11133884.04 | 11133884.14 | 11133884.23 | 0.3693 | 0.2218 |
| Mercury | 25772-12-20 10:48 G | 11134443.83 | 11134443.95 | 11134444.07 | 0.3678 | 0.0343 |
| Mercury | 25778-07-06 06:43 G | 11136467.69 | 11136467.78 | 11136467.88 | 0.3678 | 0.2296 |
| Mercury | 25816-12-15 19:26 G | 11150509.19 | 11150509.31 | 11150509.42 | 0.3692 | 0.1402 |
| Mercury | 25818-06-28 18:29 G | 11151069.19 | 11151069.27 | 11151069.34 | 0.3679 | 0.2736 |
| Mercury | 25822-07-01 17:02 G | 11152533.09 | 11152533.21 | 11152533.33 | 0.3692 | 0.0806 |
| Mercury | 25824-01-12 13:41 G | 11153092.96 | 11153093.07 | 11153093.19 | 0.3679 | 0.0922 |
| Mercury | 25828-01-15 14:09 G | 11154557.02 | 11154557.09 | 11154557.16 | 0.3693 | 0.2905 |
| Mercury | 25829-07-28 09:36 G | 11155116.78 | 11155116.90 | 11155117.01 | 0.3678 | 0.0993 |
| Mercury | 25835-02-11 05:31 G | 11157140.66 | 11157140.73 | 11157140.80 | 0.3677 | 0.2961 |
| Mercury | 25868-01-06 20:38 G | 11169158.28 | 11169158.36 | 11169158.43 | 0.3691 | 0.2959 |
| Mercury | 25873-07-22 18:29 G | 11171182.15 | 11171182.27 | 11171182.39 | 0.3692 | 0.0672 |
| Mercury | 25875-02-02 16:48 G | 11171742.11 | 11171742.20 | 11171742.30 | 0.3679 | 0.2135 |
| Mercury | 25879-02-05 15:50 G | 11173206.05 | 11173206.16 | 11173206.28 | 0.3693 | 0.1520 |
| Mercury | 25880-08-18 12:14 G | 11173765.89 | 11173766.01 | 11173766.13 | 0.3678 | 0.0299 |
| Mercury | 25884-08-21 13:12 G | 11175230.02 | 11175230.05 | 11175230.07 | 0.3693 | 0.3595 |
| Mercury | 25886-03-04 08:09 G | 11175789.73 | 11175789.84 | 11175789.95 | 0.3678 | 0.1640 |
| Mercury | 25891-09-18 04:19 G | 11177813.67 | 11177813.68 | 11177813.69 | 0.3677 | 0.3646 |
| Mercury | 25924-08-13 19:41 G | 11189831.22 | 11189831.32 | 11189831.42 | 0.3692 | 0.2194 |
| Mercury | 25926-02-24 19:55 G | 11190391.29 | 11190391.33 | 11190391.38 | 0.3679 | 0.3320 |
| Mercury | 25930-02-27 17:31 G | 11191855.11 | 11191855.23 | 11191855.36 | 0.3692 | 0.0080 |
| Mercury | 25931-09-10 15:21 G | 11192415.03 | 11192415.14 | 11192415.25 | 0.3679 | 0.1522 |
| Mercury | 25935-09-13 14:53 G | 11193879.03 | 11193879.12 | 11193879.22 | 0.3693 | 0.2229 |
| Mercury | 25937-03-26 10:48 G | 11194438.84 | 11194438.95 | 11194439.07 | 0.3678 | 0.0380 |
| Mercury | 25942-10-10 06:43 G | 11196462.69 | 11196462.78 | 11196462.88 | 0.3678 | 0.2311 |
| Mercury | 25981-03-20 18:57 G | 11210504.17 | 11210504.29 | 11210504.41 | 0.3692 | 0.1435 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 25982-10-01 18:29 G | 11211064.19 | 11211064.27 | 11211064.35 | 0.3679 | 0.2719 |
| Mercury | 25986-10-04 16:33 G | 11212528.07 | 11212528.19 | 11212528.31 | 0.3692 | 0.0802 |
| Mercury | 25988-04-16 13:55 G | 11213087.96 | 11213088.08 | 11213088.19 | 0.3679 | 0.0907 |
| Mercury | 25992-04-19 13:55 G | 11214552.01 | 11214552.08 | 11214552.15 | 0.3693 | 0.2926 |
| Mercury | 25993-10-31 09:36 G | 11215111.78 | 11215111.90 | 11215112.01 | 0.3678 | 0.1005 |
| Mercury | 25999-05-17 05:31 G | 11217135.66 | 11217135.73 | 11217135.80 | 0.3677 | 0.2978 |

27TH MILLENNIUM CE

This is a list of transits visible from Venus in the 27th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 26032-04-10 20:09 G | | 11229153.27 | 11229153.34 | 11229153.41 | 0.3691 | 0.2996 | |
| Mercury | 26037-10-25 18:00 G | | 11231177.13 | 11231177.25 | 11231177.38 | 0.3692 | 0.0693 | |
| Mercury | 26039-05-08 17:02 G | | 11231737.11 | 11231737.21 | 11231737.30 | 0.3679 | 0.2122 | |
| Mercury | 26043-05-11 15:36 G | | 11233201.04 | 11233201.15 | 11233201.27 | 0.3693 | 0.1521 | |
| Mercury | 26044-11-21 12:14 G | | 11233760.90 | 11233761.01 | 11233761.13 | 0.3679 | 0.0311 | |
| Mercury | 26048-11-24 12:57 G | | 11235225.02 | 11235225.04 | 11235225.06 | 0.3693 | 0.3623 | |
| Mercury | 26050-06-07 08:09 G | | 11235784.73 | 11235784.84 | 11235784.94 | 0.3678 | 0.1655 | |
| Mercury | 26055-12-22 04:05 G | | 11237808.66 | 11237808.67 | 11237808.68 | 0.3677 | 0.3655 | |
| Mercury | 26088-11-15 19:26 G | | 11249826.21 | 11249826.31 | 11249826.41 | 0.3692 | 0.2229 | |
| Mercury | 26090-05-29 20:09 G | | 11250386.29 | 11250386.34 | 11250386.39 | 0.3680 | 0.3303 | |
| Mercury | 26094-06-01 17:17 G | | 11251850.09 | 11251850.22 | 11251850.34 | 0.3692 | 0.0148 | |
| Mercury | 26095-12-13 15:21 G | | 11252410.03 | 11252410.14 | 11252410.25 | 0.3679 | 0.1518 | |
| Mercury | 26099-12-16 14:38 G | | 11253874.01 | 11253874.11 | 11253874.21 | 0.3693 | 0.2232 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 26101-06-29 10:48 G | 11254433.84 | 11254433.95 | 11254434.07 | 0.3678 | 0.0381 |
| Mercury | 26107-01-13 06:43 G | 11256457.69 | 11256457.78 | 11256457.87 | 0.3678 | 0.2307 |
| Mercury | 26145-06-23 18:29 G | 11270499.15 | 11270499.27 | 11270499.38 | 0.3692 | 0.1477 |
| Mercury | 26147-01-04 18:29 G | 11271059.20 | 11271059.27 | 11271059.35 | 0.3679 | 0.2719 |
| Mercury | 26151-01-07 16:19 G | 11272523.06 | 11272523.18 | 11272523.30 | 0.3693 | 0.0794 |
| Mercury | 26152-07-20 13:55 G | 11273082.96 | 11273083.08 | 11273083.19 | 0.3679 | 0.0901 |
| Mercury | 26156-07-23 13:26 G | 11274546.99 | 11274547.06 | 11274547.14 | 0.3693 | 0.2933 |
| Mercury | 26158-02-03 09:21 G | 11275106.78 | 11275106.89 | 11275107.01 | 0.3678 | 0.1012 |
| Mercury | 26163-08-20 05:17 G | 11277130.66 | 11277130.72 | 11277130.79 | 0.3677 | 0.2986 |
| Mercury | 26196-07-14 19:26 G | 11289148.24 | 11289148.31 | 11289148.38 | 0.3691 | 0.3059 |
| Mercury | 26202-01-29 17:31 G | 11291172.11 | 11291172.23 | 11291172.36 | 0.3692 | 0.0722 |
| Mercury | 26203-08-12 17:02 G | 11291732.11 | 11291732.21 | 11291732.30 | 0.3679 | 0.2116 |
| Mercury | 26207-08-15 15:21 G | 11293196.02 | 11293196.14 | 11293196.25 | 0.3693 | 0.1517 |
| Mercury | 26209-02-25 12:29 G | 11293755.90 | 11293756.02 | 11293756.13 | 0.3678 | 0.0283 |
| Mercury | 26213-02-28 12:29 G | 11295220.00 | 11295220.02 | 11295220.04 | 0.3693 | 0.3633 |
| Mercury | 26214-09-11 08:09 G | 11295779.73 | 11295779.84 | 11295779.94 | 0.3678 | 0.1664 |
| Mercury | 26220-03-27 04:05 G | 11297803.67 | 11297803.67 | 11297803.67 | 0.3677 | 0.3672 |
| Mercury | 26253-02-19 18:43 G | 11309821.18 | 11309821.28 | 11309821.38 | 0.3691 | 0.2278 |
| Mercury | 26254-09-02 20:09 G | 11310381.30 | 11310381.34 | 11310381.39 | 0.3679 | 0.3301 |
| Mercury | 26258-09-05 16:48 G | 11311845.07 | 11311845.20 | 11311845.32 | 0.3692 | 0.0068 |
| Mercury | 26260-03-18 15:21 G | 11312405.04 | 11312405.14 | 11312405.25 | 0.3679 | 0.1504 |
| Mercury | 26264-03-21 14:24 G | 11313869.00 | 11313869.10 | 11313869.19 | 0.3693 | 0.2240 |
| Mercury | 26265-10-02 11:02 G | 11314428.84 | 11314428.96 | 11314429.07 | 0.3678 | 0.0395 |
| Mercury | 26271-04-18 06:43 G | 11316452.69 | 11316452.78 | 11316452.87 | 0.3678 | 0.2328 |
| Mercury | 26309-09-27 18:00 G | 11330494.14 | 11330494.25 | 11330494.36 | 0.3692 | 0.1496 |
| Mercury | 26311-04-10 18:43 G | 11331054.20 | 11331054.28 | 11331054.36 | 0.3679 | 0.2700 |
| Mercury | 26315-04-13 15:50 G | 11332518.04 | 11332518.16 | 11332518.28 | 0.3692 | 0.0790 |
| Mercury | 26316-10-24 13:55 G | 11333077.97 | 11333078.08 | 11333078.20 | 0.3679 | 0.0875 |
| Mercury | 26320-10-27 13:12 G | 11334541.98 | 11334542.05 | 11334542.13 | 0.3693 | 0.2956 |
| Mercury | 26322-05-10 09:36 G | 11335101.78 | 11335101.90 | 11335102.01 | 0.3678 | 0.1031 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 26327-11-24 05:17 G | 11337125.66 | 11337125.72 | 11337125.79 | 0.3678 | 0.3004 |
| Mercury | 26360-10-18 18:57 G | 11349143.23 | 11349143.29 | 11349143.36 | 0.3691 | 0.3099 |
| Mercury | 26366-05-04 17:17 G | 11351167.09 | 11351167.22 | 11351167.34 | 0.3692 | 0.0734 |
| Mercury | 26367-11-15 17:02 G | 11351727.12 | 11351727.21 | 11351727.31 | 0.3679 | 0.2101 |
| Mercury | 26371-11-18 14:53 G | 11353191.01 | 11353191.12 | 11353191.24 | 0.3693 | 0.1524 |
| Mercury | 26373-05-31 12:29 G | 11353750.90 | 11353751.02 | 11353751.14 | 0.3679 | 0.0244 |
| Mercury | 26377-06-03 12:14 G | 11355215.00 | 11355215.01 | 11355215.02 | 0.3693 | 0.3658 |
| Mercury | 26378-12-15 07:55 G | 11355774.73 | 11355774.83 | 11355774.94 | 0.3678 | 0.1677 |
| Mercury | 26417-05-25 18:14 G | 11369816.16 | 11369816.26 | 11369816.36 | 0.3692 | 0.2313 |
| Mercury | 26418-12-06 20:24 G | 11370376.30 | 11370376.35 | 11370376.40 | 0.3680 | 0.3289 |
| Mercury | 26422-12-09 16:19 G | 11371840.06 | 11371840.18 | 11371840.31 | 0.3692 | 0.0055 |
| Mercury | 26424-06-21 15:36 G | 11372400.04 | 11372400.15 | 11372400.25 | 0.3679 | 0.1485 |
| Mercury | 26428-06-24 13:55 G | 11373863.98 | 11373864.08 | 11373864.18 | 0.3693 | 0.2243 |
| Mercury | 26430-01-05 11:02 G | 11374423.84 | 11374423.96 | 11374424.07 | 0.3678 | 0.0411 |
| Mercury | 26435-07-22 06:43 G | 11376447.69 | 11376447.78 | 11376447.87 | 0.3678 | 0.2343 |
| Mercury | 26473-12-30 17:31 G | 11390489.12 | 11390489.23 | 11390489.34 | 0.3692 | 0.1527 |
| Mercury | 26475-07-13 18:43 G | 11391049.20 | 11391049.28 | 11391049.36 | 0.3679 | 0.2692 |
| Mercury | 26479-07-16 15:21 G | 11392513.02 | 11392513.14 | 11392513.26 | 0.3692 | 0.0769 |
| Mercury | 26481-01-26 13:55 G | 11393072.97 | 11393073.08 | 11393073.20 | 0.3679 | 0.0870 |
| Mercury | 26485-01-29 12:57 G | 11394536.97 | 11394537.04 | 11394537.11 | 0.3693 | 0.2966 |
| Mercury | 26486-08-12 09:21 G | 11395096.78 | 11395096.89 | 11395097.01 | 0.3678 | 0.1041 |
| Mercury | 26492-02-26 05:17 G | 11397120.65 | 11397120.72 | 11397120.79 | 0.3677 | 0.3017 |
| Mercury | 26525-01-21 18:29 G | 11409138.20 | 11409138.27 | 11409138.33 | 0.3691 | 0.3153 |
| Mercury | 26530-08-07 16:33 G | 11411162.07 | 11411162.19 | 11411162.32 | 0.3692 | 0.0771 |
| Mercury | 26532-02-18 17:17 G | 11411722.12 | 11411722.22 | 11411722.31 | 0.3679 | 0.2088 |
| Mercury | 26536-02-21 14:24 G | 11413185.99 | 11413186.10 | 11413186.22 | 0.3693 | 0.1519 |
| Mercury | 26537-09-03 12:29 G | 11413745.90 | 11413746.02 | 11413746.14 | 0.3678 | 0.0233 |
| Mercury | 26541-09-06 12:00 G | 11415209.99 | 11415210.00 | 11415210.00 | 0.3693 | 0.3688 |
| Mercury | 26543-03-20 08:09 G | 11415769.73 | 11415769.84 | 11415769.94 | 0.3678 | 0.1702 |
| Mercury | 26581-08-28 17:45 G | 11429811.14 | 11429811.24 | 11429811.34 | 0.3691 | 0.2345 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 26583-03-11 20:38 G | 11430371.31 | 11430371.36 | 11430371.41 | 0.3680 | 0.3269 |
| Mercury | 26587-03-14 15:50 G | 11431835.04 | 11431835.16 | 11431835.29 | 0.3692 | 0.0028 |
| Mercury | 26588-09-24 15:36 G | 11432395.05 | 11432395.15 | 11432395.26 | 0.3679 | 0.1466 |
| Mercury | 26592-09-27 13:41 G | 11433858.97 | 11433859.07 | 11433859.16 | 0.3693 | 0.2264 |
| Mercury | 26594-04-10 11:02 G | 11434418.84 | 11434418.96 | 11434419.08 | 0.3678 | 0.0414 |
| Mercury | 26599-10-25 06:43 G | 11436442.69 | 11436442.78 | 11436442.87 | 0.3678 | 0.2371 |
| Mercury | 26638-04-05 17:02 G | 11450484.10 | 11450484.21 | 11450484.32 | 0.3692 | 0.1552 |
| Mercury | 26639-10-17 18:57 G | 11451044.21 | 11451044.29 | 11451044.37 | 0.3679 | 0.2667 |
| Mercury | 26643-10-20 14:53 G | 11452508.00 | 11452508.12 | 11452508.25 | 0.3692 | 0.0784 |
| Mercury | 26645-05-02 14:09 G | 11453067.97 | 11453068.09 | 11453068.20 | 0.3679 | 0.0841 |
| Mercury | 26649-05-05 12:43 G | 11454531.96 | 11454532.03 | 11454532.10 | 0.3693 | 0.2998 |
| Mercury | 26650-11-16 09:36 G | 11455091.78 | 11455091.90 | 11455092.01 | 0.3678 | 0.1063 |
| Mercury | 26656-06-01 05:17 G | 11457115.66 | 11457115.72 | 11457115.79 | 0.3678 | 0.3046 |
| Mercury | 26689-04-26 18:00 G | 11469133.18 | 11469133.25 | 11469133.31 | 0.3691 | 0.3185 |
| Mercury | 26694-11-10 16:19 G | 11471157.05 | 11471157.18 | 11471157.30 | 0.3692 | 0.0773 |
| Mercury | 26696-05-23 17:17 G | 11471717.13 | 11471717.22 | 11471717.32 | 0.3679 | 0.2060 |
| Mercury | 26700-05-27 14:09 G | 11473180.98 | 11473181.09 | 11473181.20 | 0.3693 | 0.1527 |
| Mercury | 26701-12-08 12:29 G | 11473740.90 | 11473741.02 | 11473741.14 | 0.3679 | 0.0226 |
| Mercury | 26707-06-24 08:09 G | 11475764.73 | 11475764.84 | 11475764.94 | 0.3678 | 0.1725 |
| Mercury | 26745-12-02 17:17 G | 11489806.12 | 11489806.22 | 11489806.31 | 0.3691 | 0.2377 |
| Mercury | 26747-06-15 20:38 G | 11490366.31 | 11490366.36 | 11490366.42 | 0.3680 | 0.3250 |
| Mercury | 26751-06-18 15:21 G | 11491830.01 | 11491830.14 | 11491830.27 | 0.3692 | 0.0006 |
| Mercury | 26752-12-29 15:36 G | 11492390.05 | 11492390.15 | 11492390.26 | 0.3679 | 0.1457 |
| Mercury | 26757-01-01 13:12 G | 11493853.95 | 11493854.05 | 11493854.15 | 0.3693 | 0.2274 |
| Mercury | 26758-07-15 11:02 G | 11494413.84 | 11494413.96 | 11494414.08 | 0.3679 | 0.0427 |
| Mercury | 26764-01-29 06:43 G | 11496437.69 | 11496437.78 | 11496437.86 | 0.3678 | 0.2385 |
| Mercury | 26802-07-09 16:19 G | 11510479.07 | 11510479.18 | 11510479.30 | 0.3692 | 0.1595 |
| Mercury | 26804-01-20 18:57 G | 11511039.22 | 11511039.29 | 11511039.37 | 0.3679 | 0.2657 |
| Mercury | 26808-01-23 14:38 G | 11512502.98 | 11512503.11 | 11512503.23 | 0.3692 | 0.0776 |
| Mercury | 26809-08-05 14:09 G | 11513062.98 | 11513063.09 | 11513063.20 | 0.3679 | 0.0825 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 26813-08-08 12:14 G | 11514526.94 | 11514527.01 | 11514527.08 | 0.3693 | 0.3005 |
| Mercury | 26815-02-19 09:36 G | 11515086.79 | 11515086.90 | 11515087.01 | 0.3678 | 0.1082 |
| Mercury | 26820-09-04 05:17 G | 11517110.65 | 11517110.72 | 11517110.78 | 0.3678 | 0.3062 |
| Mercury | 26853-07-30 17:17 G | 11529128.16 | 11529128.22 | 11529128.28 | 0.3691 | 0.3242 |
| Mercury | 26859-02-13 15:36 G | 11531152.03 | 11531152.15 | 11531152.28 | 0.3692 | 0.0803 |
| Mercury | 26860-08-26 17:31 G | 11531712.13 | 11531712.23 | 11531712.32 | 0.3679 | 0.2045 |
| Mercury | 26864-08-29 13:41 G | 11533175.96 | 11533176.07 | 11533176.18 | 0.3692 | 0.1532 |
| Mercury | 26866-03-12 12:43 G | 11533735.91 | 11533736.03 | 11533736.14 | 0.3679 | 0.0233 |
| Mercury | 26871-09-26 08:09 G | 11535759.73 | 11535759.84 | 11535759.94 | 0.3678 | 0.1745 |
| Mercury | 26910-03-07 16:33 G | 11549801.10 | 11549801.19 | 11549801.29 | 0.3691 | 0.2424 |
| Mercury | 26911-09-18 20:53 G | 11550361.32 | 11550361.37 | 11550361.42 | 0.3680 | 0.3230 |
| Mercury | 26915-09-21 14:53 G | 11551825.00 | 11551825.12 | 11551825.25 | 0.3692 | 0.0046 |
| Mercury | 26917-04-03 15:50 G | 11552385.05 | 11552385.16 | 11552385.27 | 0.3679 | 0.1423 |
| Mercury | 26921-04-06 12:43 G | 11553848.94 | 11553849.03 | 11553849.13 | 0.3692 | 0.2291 |
| Mercury | 26922-10-18 11:02 G | 11554408.85 | 11554408.96 | 11554409.08 | 0.3678 | 0.0474 |
| Mercury | 26928-05-03 06:43 G | 11556432.69 | 11556432.78 | 11556432.87 | 0.3678 | 0.2416 |
| Mercury | 26966-10-12 15:50 G | 11570474.05 | 11570474.16 | 11570474.28 | 0.3691 | 0.1614 |
| Mercury | 26968-04-24 19:12 G | 11571034.22 | 11571034.30 | 11571034.38 | 0.3679 | 0.2624 |
| Mercury | 26972-04-27 14:09 G | 11572497.97 | 11572498.09 | 11572498.21 | 0.3692 | 0.0777 |
| Mercury | 26973-11-08 14:24 G | 11573057.98 | 11573058.10 | 11573058.21 | 0.3679 | 0.0805 |
| Mercury | 26977-11-11 11:45 G | 11574521.93 | 11574521.99 | 11574522.06 | 0.3693 | 0.3035 |
| Mercury | 26979-05-25 09:36 G | 11575081.79 | 11575081.90 | 11575082.01 | 0.3678 | 0.1115 |
| Mercury | 26984-12-08 05:17 G | 11577105.65 | 11577105.72 | 11577105.78 | 0.3678 | 0.3088 |

28TH MILLENNIUM CE

This is a list of transits visible from Venus in the 28th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 27017-11-03 16:48 | G | 11589123.14 | 11589123.20 | 11589123.25 | 0.3691 | 0.3280 | |
| Mercury | 27023-05-20 15:07 | G | 11591147.01 | 11591147.13 | 11591147.26 | 0.3692 | 0.0814 | |
| Mercury | 27024-11-30 17:31 | G | 11591707.14 | 11591707.23 | 11591707.33 | 0.3679 | 0.2022 | |
| Mercury | 27028-12-03 13:12 | G | 11593170.94 | 11593171.05 | 11593171.17 | 0.3692 | 0.1550 | |
| Mercury | 27030-06-16 12:43 | G | 11593730.91 | 11593731.03 | 11593731.15 | 0.3679 | 0.0159 | |
| Mercury | 27035-12-31 08:09 | G | 11595754.73 | 11595754.84 | 11595754.94 | 0.3678 | 0.1767 | |
| Mercury | 27074-06-10 16:05 | G | 11609796.07 | 11609796.17 | 11609796.26 | 0.3691 | 0.2460 | |
| Mercury | 27075-12-22 21:07 | G | 11610356.32 | 11610356.38 | 11610356.43 | 0.3680 | 0.3210 | |
| Mercury | 27079-12-25 14:24 | G | 11611819.98 | 11611820.10 | 11611820.23 | 0.3692 | 0.0072 | |
| Mercury | 27081-07-07 16:05 | G | 11612380.06 | 11612380.17 | 11612380.27 | 0.3679 | 0.1406 | |
| Mercury | 27085-07-10 12:14 | G | 11613843.92 | 11613844.01 | 11613844.11 | 0.3693 | 0.2298 | |
| Mercury | 27087-01-21 11:02 | G | 11614403.85 | 11614403.96 | 11614404.08 | 0.3678 | 0.0498 | |
| Mercury | 27092-08-06 06:43 | G | 11616427.69 | 11616427.78 | 11616427.86 | 0.3678 | 0.2438 | |
| Mercury | 27131-01-16 15:21 | G | 11630469.03 | 11630469.14 | 11630469.25 | 0.3692 | 0.1641 | |
| Mercury | 27132-07-29 19:26 | G | 11631029.23 | 11631029.31 | 11631029.39 | 0.3680 | 0.2608 | |
| Mercury | 27136-08-01 13:41 | G | 11632492.94 | 11632493.07 | 11632493.19 | 0.3692 | 0.0773 | |
| Mercury | 27138-02-12 14:24 | G | 11633052.98 | 11633053.10 | 11633053.21 | 0.3679 | 0.0778 | |
| Mercury | 27142-02-15 11:17 | G | 11634516.91 | 11634516.97 | 11634517.04 | 0.3693 | 0.3054 | |
| Mercury | 27143-08-29 09:36 | G | 11635076.79 | 11635076.90 | 11635077.01 | 0.3678 | 0.1133 | |
| Mercury | 27149-03-14 05:17 | G | 11637100.66 | 11637100.72 | 11637100.78 | 0.3678 | 0.3119 | |
| Mercury | 27182-02-06 16:05 | G | 11649118.12 | 11649118.17 | 11649118.22 | 0.3691 | 0.3330 | |
| Mercury | 27187-08-23 14:38 | G | 11651141.99 | 11651142.11 | 11651142.23 | 0.3692 | 0.0829 | |
| Mercury | 27189-03-05 17:45 | G | 11651702.14 | 11651702.24 | 11651702.34 | 0.3679 | 0.1993 | |
| Mercury | 27193-03-08 12:43 | G | 11653165.92 | 11653166.03 | 11653166.15 | 0.3692 | 0.1545 | |
| Mercury | 27194-09-19 12:43 | G | 11653725.92 | 11653726.03 | 11653726.15 | 0.3679 | 0.0177 | |
| Mercury | 27200-04-04 08:09 | G | 11655749.74 | 11655749.84 | 11655749.94 | 0.3678 | 0.1800 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 27238-09-13 15:21 G | 11669791.05 | 11669791.14 | 11669791.24 | 0.3691 | 0.2491 |
| Mercury | 27240-03-26 21:07 G | 11670351.33 | 11670351.38 | 11670351.44 | 0.3680 | 0.3182 |
| Mercury | 27244-03-29 13:55 G | 11671814.95 | 11671815.08 | 11671815.21 | 0.3692 | 0.0027 |
| Mercury | 27245-10-10 16:05 G | 11672375.06 | 11672375.17 | 11672375.28 | 0.3679 | 0.1370 |
| Mercury | 27249-10-13 12:00 G | 11673838.90 | 11673839.00 | 11673839.09 | 0.3693 | 0.2321 |
| Mercury | 27251-04-26 11:17 G | 11674398.85 | 11674398.97 | 11674399.08 | 0.3678 | 0.0515 |
| Mercury | 27256-11-09 06:43 G | 11676422.69 | 11676422.78 | 11676422.86 | 0.3678 | 0.2474 |
| Mercury | 27295-04-20 14:53 G | 11690464.00 | 11690464.12 | 11690464.23 | 0.3691 | 0.1657 |
| Mercury | 27296-10-31 19:41 G | 11691024.23 | 11691024.32 | 11691024.40 | 0.3680 | 0.2573 |
| Mercury | 27300-11-04 13:12 G | 11692487.92 | 11692488.05 | 11692488.17 | 0.3692 | 0.0777 |
| Mercury | 27302-05-18 14:38 G | 11693047.99 | 11693048.11 | 11693048.22 | 0.3679 | 0.0747 |
| Mercury | 27306-05-21 11:02 G | 11694511.89 | 11694511.96 | 11694512.03 | 0.3693 | 0.3088 |
| Mercury | 27307-12-02 09:36 G | 11695071.79 | 11695071.90 | 11695072.02 | 0.3678 | 0.1176 |
| Mercury | 27313-06-17 05:17 G | 11697095.66 | 11697095.72 | 11697095.78 | 0.3678 | 0.3159 |
| Mercury | 27346-05-12 15:21 G | 11709113.09 | 11709113.14 | 11709113.19 | 0.3691 | 0.3365 |
| Mercury | 27351-11-26 14:09 G | 11711136.97 | 11711137.09 | 11711137.21 | 0.3692 | 0.0834 |
| Mercury | 27353-06-08 18:00 G | 11711697.15 | 11711697.25 | 11711697.34 | 0.3679 | 0.1960 |
| Mercury | 27357-06-11 12:14 G | 11713160.90 | 11713161.01 | 11713161.13 | 0.3692 | 0.1557 |
| Mercury | 27358-12-23 12:57 G | 11713720.92 | 11713721.04 | 11713721.15 | 0.3679 | 0.0142 |
| Mercury | 27364-07-08 08:09 G | 11715744.74 | 11715744.84 | 11715744.94 | 0.3678 | 0.1832 |
| Mercury | 27402-12-18 14:53 G | 11729786.03 | 11729786.12 | 11729786.21 | 0.3691 | 0.2518 |
| Mercury | 27404-06-30 21:21 G | 11730346.34 | 11730346.39 | 11730346.45 | 0.3680 | 0.3152 |
| Mercury | 27408-07-03 13:26 G | 11731809.93 | 11731810.06 | 11731810.18 | 0.3692 | 0.0129 |
| Mercury | 27410-01-14 16:19 G | 11732370.07 | 11732370.18 | 11732370.28 | 0.3679 | 0.1354 |
| Mercury | 27414-01-17 11:31 G | 11733833.88 | 11733833.98 | 11733834.07 | 0.3693 | 0.2339 |
| Mercury | 27415-07-31 11:17 G | 11734393.86 | 11734393.97 | 11734394.09 | 0.3679 | 0.0542 |
| Mercury | 27421-02-13 06:43 G | 11736417.69 | 11736417.78 | 11736417.86 | 0.3678 | 0.2501 |
| Mercury | 27459-07-25 14:09 G | 11750458.98 | 11750459.09 | 11750459.20 | 0.3691 | 0.1691 |
| Mercury | 27461-02-04 19:41 G | 11751019.24 | 11751019.32 | 11751019.40 | 0.3680 | 0.2550 |
| Mercury | 27465-02-07 12:29 G | 11752482.90 | 11752483.02 | 11752483.15 | 0.3692 | 0.0780 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 27466-08-21 14:38 G | 11753042.99 | 11753043.11 | 11753043.22 | 0.3679 | 0.0712 |
| Mercury | 27470-08-24 10:33 G | 11754506.88 | 11754506.94 | 11754507.01 | 0.3693 | 0.3106 |
| Mercury | 27472-03-06 09:50 G | 11755066.80 | 11755066.91 | 11755067.02 | 0.3678 | 0.1202 |
| Mercury | 27477-09-20 05:17 G | 11757090.66 | 11757090.72 | 11757090.77 | 0.3678 | 0.3187 |
| Mercury | 27510-08-16 14:38 G | 11769108.07 | 11769108.11 | 11769108.16 | 0.3691 | 0.3420 |
| Mercury | 27516-03-01 13:26 G | 11771131.94 | 11771132.06 | 11771132.19 | 0.3691 | 0.0863 |
| Mercury | 27517-09-12 18:00 G | 11771692.15 | 11771692.25 | 11771692.35 | 0.3679 | 0.1935 |
| Mercury | 27521-09-15 11:45 G | 11773155.88 | 11773155.99 | 11773156.11 | 0.3692 | 0.1572 |
| Mercury | 27523-03-29 12:57 G | 11773715.93 | 11773716.04 | 11773716.16 | 0.3679 | 0.0092 |
| Mercury | 27528-10-12 08:09 G | 11775739.74 | 11775739.84 | 11775739.94 | 0.3678 | 0.1872 |
| Mercury | 27567-03-23 14:09 G | 11789781.00 | 11789781.09 | 11789781.18 | 0.3691 | 0.2558 |
| Mercury | 27568-10-03 21:36 G | 11790341.34 | 11790341.40 | 11790341.46 | 0.3680 | 0.3120 |
| Mercury | 27572-10-06 12:43 G | 11791804.91 | 11791805.03 | 11791805.16 | 0.3692 | 0.0138 |
| Mercury | 27574-04-19 16:19 G | 11792365.08 | 11792365.18 | 11792365.29 | 0.3679 | 0.1309 |
| Mercury | 27578-04-22 11:02 G | 11793828.87 | 11793828.96 | 11793829.06 | 0.3692 | 0.2366 |
| Mercury | 27579-11-03 11:31 G | 11794388.86 | 11794388.98 | 11794389.09 | 0.3679 | 0.0589 |
| Mercury | 27585-05-19 06:43 G | 11796412.70 | 11796412.78 | 11796412.87 | 0.3678 | 0.2549 |
| Mercury | 27623-10-28 13:41 G | 11810453.95 | 11810454.07 | 11810454.18 | 0.3691 | 0.1710 |
| Mercury | 27625-05-10 19:55 G | 11811014.25 | 11811014.33 | 11811014.41 | 0.3680 | 0.2511 |
| Mercury | 27629-05-13 12:00 G | 11812477.88 | 11812478.00 | 11812478.13 | 0.3692 | 0.0794 |
| Mercury | 27630-11-24 14:53 G | 11813038.00 | 11813038.12 | 11813038.23 | 0.3679 | 0.0687 |
| Mercury | 27634-11-27 10:05 G | 11814501.86 | 11814501.92 | 11814501.99 | 0.3693 | 0.3146 |
| Mercury | 27636-06-09 09:50 G | 11815061.80 | 11815061.91 | 11815062.02 | 0.3678 | 0.1242 |
| Mercury | 27641-12-24 05:17 G | 11817085.66 | 11817085.72 | 11817085.77 | 0.3678 | 0.3222 |
| Mercury | 27674-11-18 14:09 G | 11829103.04 | 11829103.09 | 11829103.13 | 0.3691 | 0.3448 |
| Mercury | 27680-06-03 12:57 G | 11831126.92 | 11831127.04 | 11831127.16 | 0.3692 | 0.0869 |
| Mercury | 27681-12-15 18:14 G | 11831687.16 | 11831687.26 | 11831687.36 | 0.3680 | 0.1901 |
| Mercury | 27685-12-18 11:17 G | 11833150.86 | 11833150.97 | 11833151.09 | 0.3692 | 0.1596 |
| Mercury | 27687-07-01 13:12 G | 11833710.93 | 11833711.05 | 11833711.16 | 0.3679 | 0.0067 |
| Mercury | 27693-01-14 08:24 G | 11835734.75 | 11835734.85 | 11835734.95 | 0.3678 | 0.1906 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 27731-06-26 13:26 G | 11849775.97 | 11849776.06 | 11849776.15 | 0.3691 | 0.2593 |
| Mercury | 27733-01-06 21:50 G | 11850336.35 | 11850336.41 | 11850336.47 | 0.3680 | 0.3094 |
| Mercury | 27737-01-09 12:14 G | 11851799.88 | 11851800.01 | 11851800.14 | 0.3692 | 0.0053 |
| Mercury | 27738-07-23 16:33 G | 11852360.08 | 11852360.19 | 11852360.30 | 0.3679 | 0.1274 |
| Mercury | 27742-07-26 10:33 G | 11853823.84 | 11853823.94 | 11853824.03 | 0.3692 | 0.2377 |
| Mercury | 27744-02-06 11:31 G | 11854383.86 | 11854383.98 | 11854384.09 | 0.3679 | 0.0612 |
| Mercury | 27749-08-22 06:43 G | 11856407.70 | 11856407.78 | 11856407.86 | 0.3678 | 0.2577 |
| Mercury | 27788-01-31 12:57 G | 11870448.93 | 11870449.04 | 11870449.15 | 0.3691 | 0.1733 |
| Mercury | 27789-08-13 20:09 G | 11871009.25 | 11871009.34 | 11871009.42 | 0.3680 | 0.2486 |
| Mercury | 27793-08-16 11:31 G | 11872472.86 | 11872472.98 | 11872473.10 | 0.3692 | 0.0777 |
| Mercury | 27795-02-27 14:53 G | 11873033.01 | 11873033.12 | 11873033.23 | 0.3679 | 0.0640 |
| Mercury | 27799-03-02 09:36 G | 11874496.84 | 11874496.90 | 11874496.96 | 0.3693 | 0.3167 |
| Mercury | 27800-09-13 09:50 G | 11875056.80 | 11875056.91 | 11875057.02 | 0.3678 | 0.1280 |
| Mercury | 27806-03-30 05:17 G | 11877080.67 | 11877080.72 | 11877080.77 | 0.3678 | 0.3265 |
| Mercury | 27839-02-22 13:26 G | 11889098.02 | 11889098.06 | 11889098.09 | 0.3691 | 0.3498 |
| Mercury | 27840-09-04 23:45 G | 11889658.48 | 11889658.49 | 11889658.50 | 0.3680 | 0.3658 |
| Mercury | 27844-09-07 12:14 G | 11891121.89 | 11891122.01 | 11891122.14 | 0.3691 | 0.0889 |
| Mercury | 27846-03-21 18:29 G | 11891682.17 | 11891682.27 | 11891682.37 | 0.3680 | 0.1861 |
| Mercury | 27850-03-24 10:48 G | 11893145.84 | 11893145.95 | 11893146.06 | 0.3692 | 0.1596 |
| Mercury | 27851-10-05 13:12 G | 11893705.94 | 11893706.05 | 11893706.17 | 0.3679 | 0.0090 |
| Mercury | 27857-04-20 08:24 G | 11895729.75 | 11895729.85 | 11895729.95 | 0.3678 | 0.1948 |
| Mercury | 27895-09-29 12:57 G | 11909770.95 | 11909771.04 | 11909771.13 | 0.3691 | 0.2617 |
| Mercury | 27897-04-11 22:05 G | 11910331.36 | 11910331.42 | 11910331.48 | 0.3680 | 0.3055 |
| Mercury | 27901-04-15 11:45 G | 11911794.86 | 11911794.99 | 11911795.11 | 0.3691 | 0.0104 |
| Mercury | 27902-10-27 16:48 G | 11912355.09 | 11912355.20 | 11912355.31 | 0.3679 | 0.1232 |
| Mercury | 27906-10-30 10:05 G | 11913818.82 | 11913818.92 | 11913819.01 | 0.3692 | 0.2407 |
| Mercury | 27908-05-12 11:45 G | 11914378.87 | 11914378.99 | 11914379.10 | 0.3679 | 0.0670 |
| Mercury | 27913-11-26 06:57 G | 11916402.71 | 11916402.79 | 11916402.87 | 0.3678 | 0.2628 |
| Mercury | 27952-05-06 12:14 G | 11930443.90 | 11930444.01 | 11930444.13 | 0.3691 | 0.1748 |
| Mercury | 27953-11-17 20:24 G | 11931004.26 | 11931004.35 | 11931004.43 | 0.3680 | 0.2438 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 27957-11-20 11:02 G | 11932467.84 | 11932467.96 | 11932468.08 | 0.3692 | 0.0795 |
| Mercury | 27959-06-03 15:07 G | 11933028.01 | 11933028.13 | 11933028.24 | 0.3679 | 0.0594 |
| Mercury | 27963-06-06 09:07 G | 11934491.82 | 11934491.88 | 11934491.94 | 0.3693 | 0.3207 |
| Mercury | 27964-12-17 10:05 G | 11935051.81 | 11935051.92 | 11935052.03 | 0.3679 | 0.1318 |
| Mercury | 27970-07-03 05:17 G | 11937075.67 | 11937075.72 | 11937075.77 | 0.3678 | 0.3314 |

29TH MILLENNIUM CE

This is a list of transits visible from Venus in the 29th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 28003-05-28 12:43 G | 11949092.99 | 11949093.03 | 11949093.06 | 0.3691 | 0.3530 | | |
| Mercury | 28004-12-09 00:00 G | 11949653.49 | 11949653.50 | 11949653.52 | 0.3680 | 0.3623 | | |
| Mercury | 28008-12-11 11:45 G | 11951116.86 | 11951116.99 | 11951117.11 | 0.3691 | 0.0887 | | |
| Mercury | 28010-06-24 18:43 G | 11951677.18 | 11951677.28 | 11951677.37 | 0.3680 | 0.1822 | | |
| Mercury | 28014-06-27 10:19 G | 11953140.81 | 11953140.93 | 11953141.04 | 0.3692 | 0.1614 | | |
| Mercury | 28016-01-08 13:26 G | 11953700.94 | 11953701.06 | 11953701.17 | 0.3679 | 0.0113 | | |
| Mercury | 28021-07-24 08:24 G | 11955724.76 | 11955724.85 | 11955724.95 | 0.3679 | 0.1990 | | |
| Mercury | 28060-01-02 12:14 G | 11969765.92 | 11969766.01 | 11969766.10 | 0.3691 | 0.2642 | | |
| Mercury | 28061-07-15 22:19 G | 11970326.36 | 11970326.43 | 11970326.49 | 0.3680 | 0.3016 | | |
| Mercury | 28065-07-18 11:02 G | 11971789.83 | 11971789.96 | 11971790.09 | 0.3692 | 0.0048 | | |
| Mercury | 28067-01-29 16:48 G | 11972350.09 | 11972350.20 | 11972350.31 | 0.3679 | 0.1201 | | |
| Mercury | 28071-02-01 09:36 G | 11973813.80 | 11973813.90 | 11973813.99 | 0.3692 | 0.2432 | | |
| Mercury | 28072-08-14 11:45 G | 11974373.88 | 11974373.99 | 11974374.10 | 0.3679 | 0.0697 | | |
| Mercury | 28078-02-28 06:57 G | 11976397.71 | 11976397.79 | 11976397.87 | 0.3678 | 0.2664 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 28116-08-09 11:31 G | 11990438.87 | 11990438.98 | 11990439.10 | 0.3691 | 0.1782 |
| Mercury | 28118-02-20 20:24 G | 11990999.27 | 11990999.35 | 11990999.44 | 0.3680 | 0.2409 |
| Mercury | 28122-02-23 10:19 G | 11992462.81 | 11992462.93 | 11992463.06 | 0.3692 | 0.0797 |
| Mercury | 28123-09-06 15:07 G | 11993023.02 | 11993023.13 | 11993023.25 | 0.3679 | 0.0565 |
| Mercury | 28127-09-09 08:38 G | 11994486.80 | 11994486.86 | 11994486.92 | 0.3692 | 0.3233 |
| Mercury | 28129-03-22 10:05 G | 11995046.82 | 11995046.92 | 11995047.03 | 0.3679 | 0.1365 |
| Mercury | 28134-10-06 05:17 G | 11997070.68 | 11997070.72 | 11997070.77 | 0.3678 | 0.3353 |
| Mercury | 28167-08-31 12:00 G | 12009087.97 | 12009088.00 | 12009088.02 | 0.3690 | 0.3577 |
| Mercury | 28169-03-14 00:14 G | 12009648.49 | 12009648.51 | 12009648.53 | 0.3680 | 0.3585 |
| Mercury | 28173-03-16 11:02 G | 12011111.83 | 12011111.96 | 12011112.08 | 0.3691 | 0.0909 |
| Mercury | 28174-09-27 18:43 G | 12011672.18 | 12011672.28 | 12011672.38 | 0.3680 | 0.1784 |
| Mercury | 28178-09-30 09:36 G | 12013135.79 | 12013135.90 | 12013136.02 | 0.3692 | 0.1642 |
| Mercury | 28180-04-12 13:26 G | 12013695.95 | 12013696.06 | 12013696.18 | 0.3679 | 0.0162 |
| Mercury | 28185-10-27 08:38 G | 12015719.76 | 12015719.86 | 12015719.95 | 0.3678 | 0.2038 |
| Mercury | 28224-04-07 11:31 G | 12029760.89 | 12029760.98 | 12029761.07 | 0.3691 | 0.2680 |
| Mercury | 28225-10-19 22:33 G | 12030321.37 | 12030321.44 | 12030321.50 | 0.3680 | 0.2972 |
| Mercury | 28229-10-22 10:33 G | 12031784.81 | 12031784.94 | 12031785.06 | 0.3691 | 0.0114 |
| Mercury | 28231-05-05 17:02 G | 12032345.10 | 12032345.21 | 12032345.32 | 0.3679 | 0.1151 |
| Mercury | 28235-05-08 09:07 G | 12033808.78 | 12033808.88 | 12033808.97 | 0.3692 | 0.2465 |
| Mercury | 28236-11-18 12:00 G | 12034368.88 | 12034369.00 | 12034369.11 | 0.3679 | 0.0756 |
| Mercury | 28242-06-04 06:57 G | 12036392.72 | 12036392.79 | 12036392.87 | 0.3678 | 0.2719 |
| Mercury | 28280-11-12 11:02 G | 12050433.84 | 12050433.96 | 12050434.07 | 0.3691 | 0.1793 |
| Mercury | 28282-05-26 20:53 G | 12050994.28 | 12050994.37 | 12050994.45 | 0.3680 | 0.2360 |
| Mercury | 28286-05-29 09:50 G | 12052457.79 | 12052457.91 | 12052458.03 | 0.3692 | 0.0814 |
| Mercury | 28287-12-10 15:21 G | 12053018.03 | 12053018.14 | 12053018.25 | 0.3679 | 0.0513 |
| Mercury | 28291-12-13 08:09 G | 12054481.79 | 12054481.84 | 12054481.90 | 0.3692 | 0.3280 |
| Mercury | 28293-06-25 10:19 G | 12055041.82 | 12055041.93 | 12055042.04 | 0.3679 | 0.1415 |
| Mercury | 28299-01-09 05:31 G | 12057065.68 | 12057065.73 | 12057065.77 | 0.3678 | 0.3401 |
| Mercury | 28331-12-05 11:17 G | 12069082.94 | 12069082.97 | 12069082.99 | 0.3690 | 0.3604 |
| Mercury | 28333-06-18 00:29 G | 12069643.50 | 12069643.52 | 12069643.55 | 0.3680 | 0.3537 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 28337-06-20 10:19 G | 12071106.81 | 12071106.93 | 12071107.06 | 0.3691 | 0.0918 |
| Mercury | 28339-01-01 18:57 G | 12071667.19 | 12071667.29 | 12071667.39 | 0.3680 | 0.1741 |
| Mercury | 28343-01-04 09:07 G | 12073130.77 | 12073130.88 | 12073131.00 | 0.3692 | 0.1660 |
| Mercury | 28344-07-17 13:41 G | 12073690.96 | 12073691.07 | 12073691.19 | 0.3679 | 0.0149 |
| Mercury | 28350-01-31 08:38 G | 12075714.76 | 12075714.86 | 12075714.96 | 0.3678 | 0.2078 |
| Mercury | 28388-07-11 10:48 G | 12089755.86 | 12089755.95 | 12089756.03 | 0.3691 | 0.2717 |
| Mercury | 28390-01-22 22:48 G | 12090316.38 | 12090316.45 | 12090316.51 | 0.3680 | 0.2939 |
| Mercury | 28394-01-25 09:50 G | 12091779.78 | 12091779.91 | 12091780.04 | 0.3691 | 0.0047 |
| Mercury | 28395-08-08 17:17 G | 12092340.11 | 12092340.22 | 12092340.33 | 0.3680 | 0.1113 |
| Mercury | 28399-08-11 08:24 G | 12093803.76 | 12093803.85 | 12093803.94 | 0.3692 | 0.2477 |
| Mercury | 28401-02-21 12:00 G | 12094363.89 | 12094364.00 | 12094364.11 | 0.3679 | 0.0789 |
| Mercury | 28406-09-07 06:57 G | 12096387.72 | 12096387.79 | 12096387.87 | 0.3678 | 0.2761 |
| Mercury | 28445-02-15 10:19 G | 12110428.81 | 12110428.93 | 12110429.04 | 0.3691 | 0.1815 |
| Mercury | 28446-08-29 20:53 G | 12110989.29 | 12110989.37 | 12110989.46 | 0.3680 | 0.2321 |
| Mercury | 28450-09-01 09:07 G | 12112452.76 | 12112452.88 | 12112453.01 | 0.3691 | 0.0816 |
| Mercury | 28452-03-14 15:36 G | 12113013.03 | 12113013.15 | 12113013.26 | 0.3679 | 0.0467 |
| Mercury | 28456-03-17 07:41 G | 12114476.77 | 12114476.82 | 12114476.87 | 0.3692 | 0.3307 |
| Mercury | 28457-09-28 10:19 G | 12115036.83 | 12115036.93 | 12115037.04 | 0.3679 | 0.1459 |
| Mercury | 28463-04-14 05:31 G | 12117060.69 | 12117060.73 | 12117060.77 | 0.3678 | 0.3457 |
| Mercury | 28496-03-08 10:19 G | 12129077.92 | 12129077.93 | 12129077.95 | 0.3690 | 0.3658 |
| Mercury | 28497-09-20 00:43 G | 12129638.50 | 12129638.53 | 12129638.56 | 0.3680 | 0.3500 |
| Mercury | 28501-09-23 09:50 G | 12131101.78 | 12131101.91 | 12131102.03 | 0.3691 | 0.0925 |
| Mercury | 28503-04-06 19:12 G | 12131662.20 | 12131662.30 | 12131662.40 | 0.3680 | 0.1692 |
| Mercury | 28507-04-09 08:38 G | 12133125.74 | 12133125.86 | 12133125.97 | 0.3692 | 0.1672 |
| Mercury | 28508-10-20 13:55 G | 12133685.96 | 12133686.08 | 12133686.19 | 0.3679 | 0.0194 |
| Mercury | 28514-05-06 08:53 G | 12135709.77 | 12135709.87 | 12135709.96 | 0.3679 | 0.2137 |
| Mercury | 28552-10-14 10:05 G | 12149750.83 | 12149750.92 | 12149751.00 | 0.3691 | 0.2734 |
| Mercury | 28554-04-27 23:02 G | 12150311.39 | 12150311.46 | 12150311.53 | 0.3680 | 0.2888 |
| Mercury | 28558-04-30 09:07 G | 12151774.75 | 12151774.88 | 12151775.01 | 0.3691 | 0.0099 |
| Mercury | 28559-11-11 17:31 G | 12152335.12 | 12152335.23 | 12152335.34 | 0.3680 | 0.1053 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 28563-11-14 07:55 G | 12153798.74 | 12153798.83 | 12153798.92 | 0.3692 | 0.2518 |
| Mercury | 28565-05-27 12:14 G | 12154358.90 | 12154359.01 | 12154359.12 | 0.3679 | 0.0848 |
| Mercury | 28570-12-11 07:12 G | 12156382.73 | 12156382.80 | 12156382.87 | 0.3679 | 0.2820 |
| Mercury | 28609-05-22 09:36 G | 12170423.79 | 12170423.90 | 12170424.01 | 0.3691 | 0.1816 |
| Mercury | 28610-12-03 21:07 G | 12170984.30 | 12170984.38 | 12170984.47 | 0.3680 | 0.2271 |
| Mercury | 28614-12-06 08:38 G | 12172447.73 | 12172447.86 | 12172447.98 | 0.3691 | 0.0836 |
| Mercury | 28616-06-18 15:50 G | 12173008.04 | 12173008.16 | 12173008.27 | 0.3679 | 0.0414 |
| Mercury | 28620-06-21 07:12 G | 12174471.75 | 12174471.80 | 12174471.85 | 0.3692 | 0.3351 |
| Mercury | 28622-01-02 10:33 G | 12175031.83 | 12175031.94 | 12175032.04 | 0.3679 | 0.1507 |
| Mercury | 28627-07-19 05:31 G | 12177055.70 | 12177055.73 | 12177055.77 | 0.3678 | 0.3514 |
| Mercury | 28660-06-12 09:36 G | 12189072.90 | 12189072.90 | 12189072.90 | 0.3690 | 0.3690 |
| Mercury | 28661-12-25 00:57 G | 12189633.51 | 12189633.54 | 12189633.58 | 0.3681 | 0.3459 |
| Mercury | 28665-12-27 09:07 G | 12191096.75 | 12191096.88 | 12191097.00 | 0.3691 | 0.0919 |
| Mercury | 28667-07-10 19:26 G | 12191657.21 | 12191657.31 | 12191657.41 | 0.3680 | 0.1641 |
| Mercury | 28671-07-13 07:55 G | 12193120.72 | 12193120.83 | 12193120.94 | 0.3692 | 0.1688 |
| Mercury | 28673-01-23 13:55 G | 12193680.97 | 12193681.08 | 12193681.20 | 0.3679 | 0.0257 |
| Mercury | 28678-08-09 08:53 G | 12195704.78 | 12195704.87 | 12195704.96 | 0.3679 | 0.2185 |
| Mercury | 28717-01-18 09:21 G | 12209745.80 | 12209745.89 | 12209745.97 | 0.3691 | 0.2758 |
| Mercury | 28718-08-01 23:17 G | 12210306.40 | 12210306.47 | 12210306.54 | 0.3680 | 0.2845 |
| Mercury | 28722-08-04 08:24 G | 12211769.72 | 12211769.85 | 12211769.98 | 0.3691 | 0.0077 |
| Mercury | 28724-02-15 17:45 G | 12212330.13 | 12212330.24 | 12212330.35 | 0.3680 | 0.1020 |
| Mercury | 28728-02-18 07:12 G | 12213793.71 | 12213793.80 | 12213793.89 | 0.3692 | 0.2546 |
| Mercury | 28729-08-31 12:14 G | 12214353.90 | 12214354.01 | 12214354.13 | 0.3679 | 0.0898 |
| Mercury | 28735-03-17 07:12 G | 12216377.73 | 12216377.80 | 12216377.87 | 0.3678 | 0.2873 |
| Mercury | 28773-08-25 08:38 G | 12230418.75 | 12230418.86 | 12230418.98 | 0.3691 | 0.1853 |
| Mercury | 28775-03-08 21:21 G | 12230979.30 | 12230979.39 | 12230979.48 | 0.3680 | 0.2226 |
| Mercury | 28779-03-11 07:55 G | 12232442.70 | 12232442.83 | 12232442.95 | 0.3691 | 0.0839 |
| Mercury | 28780-09-21 15:50 G | 12233003.05 | 12233003.16 | 12233003.28 | 0.3679 | 0.0378 |
| Mercury | 28784-09-24 06:29 G | 12234466.73 | 12234466.77 | 12234466.82 | 0.3692 | 0.3392 |
| Mercury | 28786-04-07 10:33 G | 12235026.84 | 12235026.94 | 12235027.05 | 0.3679 | 0.1570 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 28791-10-22 05:45 G | 12237050.71 | 12237050.74 | 12237050.76 | 0.3678 | 0.3566 |
| Mercury | 28826-03-30 01:26 G | 12249628.52 | 12249628.56 | 12249628.60 | 0.3681 | 0.3409 |
| Mercury | 28830-04-01 08:24 G | 12251091.72 | 12251091.85 | 12251091.97 | 0.3691 | 0.0944 |
| Mercury | 28831-10-13 19:41 G | 12251652.22 | 12251652.32 | 12251652.42 | 0.3680 | 0.1591 |
| Mercury | 28835-10-16 07:26 G | 12253115.69 | 12253115.81 | 12253115.92 | 0.3692 | 0.1725 |
| Mercury | 28837-04-28 14:09 G | 12253675.98 | 12253676.09 | 12253676.21 | 0.3679 | 0.0301 |
| Mercury | 28842-11-12 09:07 G | 12255699.79 | 12255699.88 | 12255699.97 | 0.3679 | 0.2251 |
| Mercury | 28881-04-22 08:24 G | 12269740.77 | 12269740.85 | 12269740.94 | 0.3690 | 0.2786 |
| Mercury | 28882-11-03 23:31 G | 12270301.41 | 12270301.48 | 12270301.55 | 0.3680 | 0.2789 |
| Mercury | 28886-11-06 07:41 G | 12271764.70 | 12271764.82 | 12271764.95 | 0.3691 | 0.0136 |
| Mercury | 28888-05-19 18:00 G | 12272325.14 | 12272325.25 | 12272325.36 | 0.3680 | 0.0961 |
| Mercury | 28892-05-22 06:43 G | 12273788.69 | 12273788.78 | 12273788.87 | 0.3692 | 0.2587 |
| Mercury | 28893-12-03 12:29 G | 12274348.91 | 12274349.02 | 12274349.13 | 0.3679 | 0.0955 |
| Mercury | 28899-06-19 07:26 G | 12276372.74 | 12276372.81 | 12276372.88 | 0.3678 | 0.2935 |
| Mercury | 28937-11-28 08:09 G | 12290413.72 | 12290413.84 | 12290413.95 | 0.3690 | 0.1858 |
| Mercury | 28939-06-11 21:50 G | 12290974.31 | 12290974.41 | 12290974.50 | 0.3680 | 0.2169 |
| Mercury | 28943-06-14 07:12 G | 12292437.68 | 12292437.80 | 12292437.93 | 0.3691 | 0.0866 |
| Mercury | 28944-12-25 16:05 G | 12292998.06 | 12292998.17 | 12292998.29 | 0.3680 | 0.0319 |
| Mercury | 28948-12-28 06:00 G | 12294461.71 | 12294461.75 | 12294461.79 | 0.3692 | 0.3441 |
| Mercury | 28950-07-11 10:48 G | 12295021.85 | 12295021.95 | 12295022.06 | 0.3679 | 0.1631 |
| Mercury | 28956-01-25 05:45 G | 12297045.72 | 12297045.74 | 12297045.76 | 0.3678 | 0.3620 |
| Mercury | 28990-07-03 01:41 G | 12309623.52 | 12309623.57 | 12309623.61 | 0.3681 | 0.3352 |
| Mercury | 28994-07-05 07:41 G | 12311086.69 | 12311086.82 | 12311086.94 | 0.3691 | 0.0952 |
| Mercury | 28996-01-16 19:55 G | 12311647.22 | 12311647.33 | 12311647.43 | 0.3680 | 0.1544 |
| Mercury | 29000-01-19 06:43 G | 12313110.67 | 12313110.78 | 12313110.89 | 0.3692 | 0.1747 |

30TH MILLENNIUM CE

This is a list of transits visible from Venus in the 30th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 29001-08-02 14:24 | G | 12313670.99 | 12313671.10 | 12313671.21 | 0.3680 | 0.0345 | |
| Mercury | 29007-02-16 09:07 | G | 12315694.79 | 12315694.88 | 12315694.97 | 0.3679 | 0.2298 | |
| Mercury | 29045-07-27 07:41 | G | 12329735.73 | 12329735.82 | 12329735.90 | 0.3690 | 0.2820 | |
| Mercury | 29047-02-07 23:45 | G | 12330296.41 | 12330296.49 | 12330296.56 | 0.3680 | 0.2747 | |
| Mercury | 29051-02-10 07:12 | G | 12331759.67 | 12331759.80 | 12331759.92 | 0.3691 | 0.0137 | |
| Mercury | 29052-08-23 18:00 | G | 12332320.14 | 12332320.25 | 12332320.36 | 0.3680 | 0.0911 | |
| Mercury | 29056-08-26 06:00 | G | 12333783.66 | 12333783.75 | 12333783.84 | 0.3692 | 0.2607 | |
| Mercury | 29058-03-09 12:43 | G | 12334343.92 | 12334344.03 | 12334344.14 | 0.3679 | 0.1007 | |
| Mercury | 29063-09-23 07:26 | G | 12336367.75 | 12336367.81 | 12336367.88 | 0.3679 | 0.2988 | |
| Mercury | 29102-03-04 07:12 | G | 12350408.69 | 12350408.80 | 12350408.91 | 0.3691 | 0.1878 | |
| Mercury | 29103-09-15 21:50 | G | 12350969.32 | 12350969.41 | 12350969.51 | 0.3680 | 0.2121 | |
| Mercury | 29107-09-18 06:29 | G | 12352432.65 | 12352432.77 | 12352432.90 | 0.3691 | 0.0878 | |
| Mercury | 29109-03-31 16:19 | G | 12352993.07 | 12352993.18 | 12352993.30 | 0.3680 | 0.0255 | |
| Mercury | 29113-04-03 05:17 | G | 12354456.68 | 12354456.72 | 12354456.76 | 0.3692 | 0.3470 | |
| Mercury | 29114-10-15 11:02 | G | 12355016.86 | 12355016.96 | 12355017.06 | 0.3679 | 0.1682 | |
| Mercury | 29154-10-07 01:55 | G | 12369618.53 | 12369618.58 | 12369618.62 | 0.3681 | 0.3308 | |
| Mercury | 29158-10-09 06:43 | G | 12371081.66 | 12371081.78 | 12371081.91 | 0.3691 | 0.0949 | |
| Mercury | 29160-04-21 20:09 | G | 12371642.23 | 12371642.34 | 12371642.44 | 0.3680 | 0.1485 | |
| Mercury | 29164-04-24 06:00 | G | 12373105.64 | 12373105.75 | 12373105.86 | 0.3691 | 0.1766 | |
| Mercury | 29165-11-05 14:38 | G | 12373665.99 | 12373666.11 | 12373666.22 | 0.3679 | 0.0408 | |
| Mercury | 29171-05-22 09:21 | G | 12375689.80 | 12375689.89 | 12375689.98 | 0.3679 | 0.2365 | |
| Mercury | 29209-10-30 06:43 | G | 12389730.70 | 12389730.78 | 12389730.87 | 0.3690 | 0.2838 | |

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|---------|-------------------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 29211-05-14 00:00 | G | 12390291.43 | 12390291.50 | 12390291.58 | 0.3681 | 0.2685 |
| Mercury | 29215-05-16 06:29 | G | 12391754.64 | 12391754.77 | 12391754.90 | 0.3691 | 0.0066 |
| Mercury | 29216-11-26 18:29 | G | 12392315.15 | 12392315.27 | 12392315.38 | 0.3680 | 0.0850 |
| Mercury | 29220-11-29 05:31 | G | 12393778.64 | 12393778.73 | 12393778.81 | 0.3692 | 0.2652 |
| Mercury | 29222-06-12 12:57 | G | 12394338.93 | 12394339.04 | 12394339.15 | 0.3679 | 0.1078 |
| Mercury | 29227-12-27 07:41 | G | 12396362.76 | 12396362.82 | 12396362.88 | 0.3679 | 0.3052 |
| Mercury | 29266-06-06 06:29 | G | 12410403.66 | 12410403.77 | 12410403.88 | 0.3690 | 0.1882 |
| Mercury | 29267-12-18 22:19 | G | 12410964.33 | 12410964.43 | 12410964.52 | 0.3681 | 0.2064 |
| Mercury | 29271-12-21 06:00 | G | 12412427.62 | 12412427.75 | 12412427.87 | 0.3691 | 0.0904 |
| Mercury | 29273-07-03 16:33 | G | 12412988.08 | 12412988.19 | 12412988.31 | 0.3680 | 0.0191 |
| Mercury | 29277-07-06 04:48 | G | 12414451.66 | 12414451.70 | 12414451.73 | 0.3692 | 0.3519 |
| Mercury | 29279-01-17 11:02 | G | 12415011.86 | 12415011.96 | 12415012.07 | 0.3679 | 0.1744 |
| Mercury | 29319-01-10 02:09 | G | 12429613.54 | 12429613.59 | 12429613.64 | 0.3681 | 0.3255 |
| Mercury | 29323-01-12 06:00 | G | 12431076.63 | 12431076.75 | 12431076.88 | 0.3691 | 0.0944 |
| Mercury | 29324-07-25 20:24 | G | 12431637.25 | 12431637.35 | 12431637.45 | 0.3680 | 0.1424 |
| Mercury | 29328-07-28 05:17 | G | 12433100.61 | 12433100.72 | 12433100.83 | 0.3691 | 0.1790 |
| Mercury | 29330-02-08 14:53 | G | 12433661.00 | 12433661.12 | 12433661.23 | 0.3680 | 0.0478 |
| Mercury | 29335-08-25 09:21 | G | 12435684.81 | 12435684.89 | 12435684.98 | 0.3679 | 0.2428 |
| Mercury | 29374-02-02 06:00 | G | 12449725.67 | 12449725.75 | 12449725.83 | 0.3690 | 0.2863 |
| Mercury | 29375-08-17 00:14 | G | 12450286.44 | 12450286.51 | 12450286.59 | 0.3681 | 0.2634 |
| Mercury | 29379-08-19 05:31 | G | 12451749.60 | 12451749.73 | 12451749.86 | 0.3691 | 0.0074 |
| Mercury | 29381-03-01 18:29 | G | 12452310.16 | 12452310.27 | 12452310.38 | 0.3680 | 0.0793 |
| Mercury | 29385-03-04 04:48 | G | 12453773.61 | 12453773.70 | 12453773.78 | 0.3692 | 0.2681 |
| Mercury | 29386-09-15 12:57 | G | 12454333.93 | 12454334.04 | 12454334.15 | 0.3679 | 0.1133 |
| Mercury | 29392-03-31 07:41 | G | 12456357.77 | 12456357.82 | 12456357.88 | 0.3679 | 0.3118 |
| Mercury | 29430-09-10 05:31 | G | 12470398.62 | 12470398.73 | 12470398.85 | 0.3690 | 0.1910 |
| Mercury | 29432-03-23 22:33 | G | 12470959.34 | 12470959.44 | 12470959.53 | 0.3680 | 0.2007 |
| Mercury | 29436-03-26 05:02 | G | 12472422.59 | 12472422.71 | 12472422.84 | 0.3691 | 0.0907 |
| Mercury | 29437-10-07 16:48 | G | 12472983.09 | 12472983.20 | 12472983.31 | 0.3680 | 0.0136 |
| Mercury | 29441-10-10 04:05 | G | 12474446.64 | 12474446.67 | 12474446.70 | 0.3692 | 0.3572 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 29443-04-23 11:17 G | 12475006.87 | 12475006.97 | 12475007.07 | 0.3679 | 0.1810 |
| Mercury | 29483-04-15 02:24 G | 12489608.55 | 12489608.60 | 12489608.66 | 0.3681 | 0.3195 |
| Mercury | 29487-04-17 05:17 G | 12491071.59 | 12491071.72 | 12491071.85 | 0.3690 | 0.0949 |
| Mercury | 29488-10-28 20:38 G | 12491632.26 | 12491632.36 | 12491632.47 | 0.3680 | 0.1364 |
| Mercury | 29492-10-31 04:33 G | 12493095.58 | 12493095.69 | 12493095.81 | 0.3691 | 0.1826 |
| Mercury | 29494-05-14 15:07 G | 12493656.01 | 12493656.13 | 12493656.24 | 0.3680 | 0.0545 |
| Mercury | 29499-11-28 09:36 G | 12495679.82 | 12495679.90 | 12495679.99 | 0.3679 | 0.2499 |
| Mercury | 29538-05-09 05:02 G | 12509720.63 | 12509720.71 | 12509720.79 | 0.3690 | 0.2885 |
| Mercury | 29539-11-21 00:43 G | 12510281.45 | 12510281.53 | 12510281.61 | 0.3681 | 0.2570 |
| Mercury | 29543-11-23 04:48 G | 12511744.57 | 12511744.70 | 12511744.83 | 0.3691 | 0.0072 |
| Mercury | 29545-06-05 18:57 G | 12512305.17 | 12512305.29 | 12512305.40 | 0.3680 | 0.0735 |
| Mercury | 29549-06-08 04:05 G | 12513768.59 | 12513768.67 | 12513768.76 | 0.3692 | 0.2732 |
| Mercury | 29550-12-20 13:12 G | 12514328.95 | 12514329.05 | 12514329.16 | 0.3680 | 0.1204 |
| Mercury | 29556-07-05 07:55 G | 12516352.78 | 12516352.83 | 12516352.89 | 0.3679 | 0.3194 |
| Mercury | 29594-12-14 04:48 G | 12530393.59 | 12530393.70 | 12530393.81 | 0.3690 | 0.1906 |
| Mercury | 29596-06-26 22:48 G | 12530954.35 | 12530954.45 | 12530954.55 | 0.3681 | 0.1935 |
| Mercury | 29600-06-29 04:19 G | 12532417.56 | 12532417.68 | 12532417.81 | 0.3691 | 0.0935 |
| Mercury | 29602-01-10 17:02 G | 12532978.10 | 12532978.21 | 12532978.32 | 0.3680 | 0.0074 |
| Mercury | 29606-01-13 03:36 G | 12534441.63 | 12534441.65 | 12534441.67 | 0.3692 | 0.3627 |
| Mercury | 29607-07-27 11:31 G | 12535001.88 | 12535001.98 | 12535002.08 | 0.3679 | 0.1878 |
| Mercury | 29647-07-19 02:53 G | 12549603.56 | 12549603.62 | 12549603.67 | 0.3681 | 0.3133 |
| Mercury | 29651-07-21 04:19 G | 12551066.56 | 12551066.68 | 12551066.81 | 0.3690 | 0.0963 |
| Mercury | 29653-01-31 20:53 G | 12551627.26 | 12551627.37 | 12551627.47 | 0.3680 | 0.1310 |
| Mercury | 29657-02-03 03:50 G | 12553090.55 | 12553090.66 | 12553090.78 | 0.3691 | 0.1855 |
| Mercury | 29658-08-17 15:07 G | 12553651.02 | 12553651.13 | 12553651.25 | 0.3680 | 0.0609 |
| Mercury | 29664-03-02 09:50 G | 12555674.83 | 12555674.91 | 12555674.99 | 0.3679 | 0.2556 |
| Mercury | 29702-08-12 04:05 G | 12569715.60 | 12569715.67 | 12569715.75 | 0.3690 | 0.2920 |
| Mercury | 29704-02-24 00:57 G | 12570276.46 | 12570276.54 | 12570276.62 | 0.3681 | 0.2518 |
| Mercury | 29708-02-26 04:05 G | 12571739.54 | 12571739.67 | 12571739.80 | 0.3691 | 0.0015 |
| Mercury | 29709-09-08 18:57 G | 12572300.18 | 12572300.29 | 12572300.41 | 0.3680 | 0.0672 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 29713-09-11 03:21 G | 12573763.56 | 12573763.64 | 12573763.72 | 0.3691 | 0.2759 |
| Mercury | 29715-03-25 13:26 G | 12574323.95 | 12574324.06 | 12574324.17 | 0.3679 | 0.1264 |
| Mercury | 29720-10-08 08:09 G | 12576347.79 | 12576347.84 | 12576347.89 | 0.3679 | 0.3255 |
| Mercury | 29759-03-19 03:50 G | 12590388.55 | 12590388.66 | 12590388.78 | 0.3690 | 0.1932 |
| Mercury | 29760-09-29 23:02 G | 12590949.36 | 12590949.46 | 12590949.56 | 0.3681 | 0.1883 |
| Mercury | 29764-10-02 03:36 G | 12592412.53 | 12592412.65 | 12592412.78 | 0.3691 | 0.0946 |
| Mercury | 29766-04-15 17:17 G | 12592973.11 | 12592973.22 | 12592973.33 | 0.3680 | 0.0027 |
| Mercury | 29770-04-18 02:53 G | 12594436.61 | 12594436.62 | 12594436.63 | 0.3691 | 0.3663 |
| Mercury | 29771-10-30 11:45 G | 12594996.89 | 12594996.99 | 12594997.08 | 0.3679 | 0.1943 |
| Mercury | 29811-10-23 03:07 G | 12609598.57 | 12609598.63 | 12609598.69 | 0.3681 | 0.3075 |
| Mercury | 29815-10-25 03:36 G | 12611061.53 | 12611061.65 | 12611061.78 | 0.3690 | 0.0946 |
| Mercury | 29817-05-07 21:07 G | 12611622.28 | 12611622.38 | 12611622.49 | 0.3680 | 0.1241 |
| Mercury | 29821-05-10 03:07 G | 12613085.52 | 12613085.63 | 12613085.74 | 0.3691 | 0.1888 |
| Mercury | 29822-11-21 15:36 G | 12613646.03 | 12613646.15 | 12613646.26 | 0.3680 | 0.0680 |
| Mercury | 29828-06-06 10:05 G | 12615669.84 | 12615669.92 | 12615670.00 | 0.3679 | 0.2637 |
| Mercury | 29866-11-15 03:21 G | 12629710.56 | 12629710.64 | 12629710.72 | 0.3690 | 0.2930 |
| Mercury | 29868-05-29 01:12 G | 12630271.47 | 12630271.55 | 12630271.63 | 0.3681 | 0.2447 |
| Mercury | 29872-05-31 03:21 G | 12631734.51 | 12631734.64 | 12631734.77 | 0.3691 | 0.0054 |
| Mercury | 29873-12-12 19:26 G | 12632295.19 | 12632295.31 | 12632295.42 | 0.3680 | 0.0595 |
| Mercury | 29877-12-15 02:38 G | 12633758.53 | 12633758.61 | 12633758.70 | 0.3691 | 0.2811 |
| Mercury | 29879-06-28 13:41 G | 12634318.97 | 12634319.07 | 12634319.18 | 0.3680 | 0.1341 |
| Mercury | 29885-01-11 08:09 G | 12636342.80 | 12636342.84 | 12636342.89 | 0.3679 | 0.3331 |
| Mercury | 29919-06-21 05:17 G | 12648920.71 | 12648920.72 | 12648920.74 | 0.3681 | 0.3629 |
| Mercury | 29923-06-23 03:07 G | 12650383.52 | 12650383.63 | 12650383.74 | 0.3690 | 0.1932 |
| Mercury | 29925-01-03 23:17 G | 12650944.37 | 12650944.47 | 12650944.57 | 0.3681 | 0.1818 |
| Mercury | 29929-01-06 02:53 G | 12652407.50 | 12652407.62 | 12652407.75 | 0.3691 | 0.0977 |
| Mercury | 29930-07-20 17:31 G | 12652968.12 | 12652968.23 | 12652968.34 | 0.3680 | 0.0074 |
| Mercury | 29936-02-03 12:00 G | 12654991.90 | 12654992.00 | 12654992.09 | 0.3680 | 0.2015 |
| Mercury | 29976-01-26 03:21 G | 12669593.58 | 12669593.64 | 12669593.70 | 0.3681 | 0.3017 |
| Mercury | 29980-01-28 02:53 G | 12671056.49 | 12671056.62 | 12671056.74 | 0.3690 | 0.0944 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 29981-08-10 21:21 G | 12671617.29 | 12671617.39 | 12671617.50 | 0.3681 | 0.1179 |
| Mercury | 29985-08-13 02:24 G | 12673080.49 | 12673080.60 | 12673080.71 | 0.3691 | 0.1910 |
| Mercury | 29987-02-24 15:36 G | 12673641.04 | 12673641.15 | 12673641.26 | 0.3680 | 0.0735 |
| Mercury | 29992-09-09 10:05 G | 12675664.85 | 12675664.92 | 12675665.00 | 0.3679 | 0.2706 |

31ST MILLENNIUM CE

This is a list of transits visible from Venus in the 31st millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 30031-02-18 02:24 G | | 12689705.52 | 12689705.60 | 12689705.68 | 0.3690 | 0.2956 | |
| Mercury | 30032-09-01 01:26 G | | 12690266.48 | 12690266.56 | 12690266.65 | 0.3681 | 0.2390 | |
| Mercury | 30036-09-03 02:24 G | | 12691729.47 | 12691729.60 | 12691729.73 | 0.3690 | 0.0019 | |
| Mercury | 30038-03-17 19:41 G | | 12692290.20 | 12692290.32 | 12692290.43 | 0.3680 | 0.0537 | |
| Mercury | 30042-03-20 01:55 G | | 12693753.50 | 12693753.58 | 12693753.66 | 0.3691 | 0.2844 | |
| Mercury | 30043-10-01 13:55 G | | 12694313.97 | 12694314.08 | 12694314.18 | 0.3680 | 0.1403 | |
| Mercury | 30049-04-16 08:24 G | | 12696337.81 | 12696337.85 | 12696337.89 | 0.3679 | 0.3404 | |
| Mercury | 30083-09-23 05:45 G | | 12708915.71 | 12708915.74 | 12708915.76 | 0.3681 | 0.3573 | |
| Mercury | 30087-09-25 02:09 G | | 12710378.48 | 12710378.59 | 12710378.70 | 0.3690 | 0.1950 | |
| Mercury | 30089-04-07 23:31 G | | 12710939.39 | 12710939.48 | 12710939.58 | 0.3681 | 0.1753 | |
| Mercury | 30093-04-10 02:09 G | | 12712402.46 | 12712402.59 | 12712402.71 | 0.3691 | 0.0995 | |
| Mercury | 30094-10-22 17:45 G | | 12712963.13 | 12712963.24 | 12712963.35 | 0.3680 | 0.0137 | |
| Mercury | 30100-05-08 12:14 G | | 12714986.91 | 12714987.01 | 12714987.10 | 0.3680 | 0.2096 | |
| Mercury | 30140-04-30 03:50 G | | 12729588.59 | 12729588.66 | 12729588.72 | 0.3681 | 0.2950 | |
| Mercury | 30144-05-02 01:55 G | | 12731051.45 | 12731051.58 | 12731051.71 | 0.3690 | 0.0952 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 30145-11-13 21:50 G | 12731612.30 | 12731612.41 | 12731612.51 | 0.3681 | 0.1104 |
| Mercury | 30149-11-16 01:41 G | 12733075.46 | 12733075.57 | 12733075.68 | 0.3691 | 0.1949 |
| Mercury | 30151-05-30 15:50 G | 12733636.05 | 12733636.16 | 12733636.27 | 0.3680 | 0.0816 |
| Mercury | 30156-12-13 10:19 G | 12735659.86 | 12735659.93 | 12735660.01 | 0.3679 | 0.2789 |
| Mercury | 30195-05-24 01:26 G | 12749700.49 | 12749700.56 | 12749700.64 | 0.3689 | 0.2968 |
| Mercury | 30196-12-05 01:55 G | 12750261.49 | 12750261.58 | 12750261.66 | 0.3681 | 0.2313 |
| Mercury | 30200-12-08 01:41 G | 12751724.44 | 12751724.57 | 12751724.70 | 0.3690 | 0.0074 |
| Mercury | 30202-06-21 19:55 G | 12752285.22 | 12752285.33 | 12752285.44 | 0.3680 | 0.0445 |
| Mercury | 30206-06-24 01:12 G | 12753748.47 | 12753748.55 | 12753748.63 | 0.3691 | 0.2900 |
| Mercury | 30208-01-05 14:09 G | 12754308.99 | 12754309.09 | 12754309.19 | 0.3680 | 0.1484 |
| Mercury | 30213-07-21 08:38 G | 12756332.83 | 12756332.86 | 12756332.89 | 0.3679 | 0.3489 |
| Mercury | 30247-12-28 06:00 G | 12768910.72 | 12768910.75 | 12768910.78 | 0.3682 | 0.3503 |
| Mercury | 30251-12-30 01:12 G | 12770373.44 | 12770373.55 | 12770373.67 | 0.3690 | 0.1954 |
| Mercury | 30253-07-13 00:00 G | 12770934.40 | 12770934.50 | 12770934.60 | 0.3681 | 0.1671 |
| Mercury | 30257-07-15 01:12 G | 12772397.43 | 12772397.55 | 12772397.68 | 0.3691 | 0.1017 |
| Mercury | 30259-01-26 18:00 G | 12772958.14 | 12772958.25 | 12772958.36 | 0.3680 | 0.0207 |
| Mercury | 30264-08-11 12:14 G | 12774981.92 | 12774982.01 | 12774982.11 | 0.3680 | 0.2174 |
| Mercury | 30304-08-04 04:05 G | 12789583.60 | 12789583.67 | 12789583.74 | 0.3681 | 0.2879 |
| Mercury | 30308-08-06 00:57 G | 12791046.41 | 12791046.54 | 12791046.67 | 0.3690 | 0.0954 |
| Mercury | 30310-02-17 22:05 G | 12791607.31 | 12791607.42 | 12791607.52 | 0.3681 | 0.1041 |
| Mercury | 30314-02-20 00:57 G | 12793070.43 | 12793070.54 | 12793070.65 | 0.3691 | 0.1986 |
| Mercury | 30315-09-03 16:05 G | 12793631.06 | 12793631.17 | 12793631.28 | 0.3680 | 0.0888 |
| Mercury | 30321-03-19 10:33 G | 12795654.87 | 12795654.94 | 12795655.01 | 0.3679 | 0.2856 |
| Mercury | 30359-08-28 00:29 G | 12809695.44 | 12809695.52 | 12809695.59 | 0.3689 | 0.3007 |
| Mercury | 30361-03-11 02:09 G | 12810256.50 | 12810256.59 | 12810256.68 | 0.3681 | 0.2250 |
| Mercury | 30365-03-13 00:43 G | 12811719.40 | 12811719.53 | 12811719.66 | 0.3690 | 0.0053 |
| Mercury | 30366-09-24 20:09 G | 12812280.23 | 12812280.34 | 12812280.45 | 0.3680 | 0.0383 |
| Mercury | 30370-09-27 00:29 G | 12813743.44 | 12813743.52 | 12813743.59 | 0.3691 | 0.2930 |
| Mercury | 30372-04-09 14:24 G | 12814304.00 | 12814304.10 | 12814304.20 | 0.3680 | 0.1559 |
| Mercury | 30377-10-24 08:53 G | 12816327.84 | 12816327.87 | 12816327.89 | 0.3679 | 0.3559 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 30412-04-01 06:29 G | 12828905.73 | 12828905.77 | 12828905.80 | 0.3682 | 0.3441 |
| Mercury | 30416-04-03 00:14 G | 12830368.40 | 12830368.51 | 12830368.62 | 0.3690 | 0.1975 |
| Mercury | 30417-10-16 00:14 G | 12830929.41 | 12830929.51 | 12830929.61 | 0.3681 | 0.1609 |
| Mercury | 30421-10-18 00:29 G | 12832392.39 | 12832392.52 | 12832392.64 | 0.3690 | 0.1043 |
| Mercury | 30423-05-01 18:14 G | 12832953.15 | 12832953.26 | 12832953.37 | 0.3680 | 0.0292 |
| Mercury | 30428-11-14 12:29 G | 12834976.94 | 12834977.02 | 12834977.11 | 0.3680 | 0.2251 |
| Mercury | 30468-11-06 04:33 G | 12849578.62 | 12849578.69 | 12849578.76 | 0.3681 | 0.2810 |
| Mercury | 30472-11-08 00:14 G | 12851041.38 | 12851041.51 | 12851041.63 | 0.3690 | 0.0943 |
| Mercury | 30474-05-22 22:19 G | 12851602.32 | 12851602.43 | 12851602.54 | 0.3681 | 0.0957 |
| Mercury | 30478-05-25 00:00 G | 12853065.40 | 12853065.50 | 12853065.61 | 0.3691 | 0.2028 |
| Mercury | 30479-12-06 16:33 G | 12853626.08 | 12853626.19 | 12853626.30 | 0.3680 | 0.0970 |
| Mercury | 30485-06-21 10:48 G | 12855649.88 | 12855649.95 | 12855650.02 | 0.3679 | 0.2945 |
| Mercury | 30523-11-30 23:31 G | 12869690.41 | 12869690.48 | 12869690.56 | 0.3689 | 0.3019 |
| Mercury | 30525-06-14 02:24 G | 12870251.52 | 12870251.60 | 12870251.69 | 0.3681 | 0.2177 |
| Mercury | 30529-06-16 00:00 G | 12871714.36 | 12871714.50 | 12871714.63 | 0.3690 | 0.0125 |
| Mercury | 30530-12-28 20:24 G | 12872275.24 | 12872275.35 | 12872275.46 | 0.3681 | 0.0308 |
| Mercury | 30534-12-30 23:45 G | 12873738.41 | 12873738.49 | 12873738.56 | 0.3691 | 0.2988 |
| Mercury | 30536-07-13 14:38 G | 12874299.01 | 12874299.11 | 12874299.21 | 0.3680 | 0.1645 |
| Mercury | 30542-01-27 09:07 G | 12876322.86 | 12876322.88 | 12876322.89 | 0.3679 | 0.3642 |
| Mercury | 30576-07-05 06:43 G | 12888900.74 | 12888900.78 | 12888900.83 | 0.3682 | 0.3363 |
| Mercury | 30580-07-06 23:17 G | 12890363.36 | 12890363.47 | 12890363.59 | 0.3690 | 0.1977 |
| Mercury | 30582-01-19 00:29 G | 12890924.42 | 12890924.52 | 12890924.62 | 0.3681 | 0.1539 |
| Mercury | 30586-01-20 23:31 G | 12892387.36 | 12892387.48 | 12892387.61 | 0.3690 | 0.1081 |
| Mercury | 30587-08-04 18:43 G | 12892948.16 | 12892948.28 | 12892948.39 | 0.3681 | 0.0400 |
| Mercury | 30593-02-17 12:43 G | 12894971.95 | 12894972.03 | 12894972.12 | 0.3680 | 0.2323 |
| Mercury | 30633-02-10 04:48 G | 12909573.63 | 12909573.70 | 12909573.77 | 0.3682 | 0.2742 |
| Mercury | 30637-02-11 23:17 G | 12911036.34 | 12911036.47 | 12911036.60 | 0.3690 | 0.0937 |
| Mercury | 30638-08-26 22:33 G | 12911597.33 | 12911597.44 | 12911597.55 | 0.3681 | 0.0889 |
| Mercury | 30642-08-28 23:17 G | 12913060.36 | 12913060.47 | 12913060.57 | 0.3691 | 0.2047 |
| Mercury | 30644-03-11 16:48 G | 12913621.09 | 12913621.20 | 12913621.30 | 0.3680 | 0.1043 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 30649-09-25 11:02 G | 12915644.89 | 12915644.96 | 12915645.02 | 0.3680 | 0.3018 |
| Mercury | 30688-03-04 22:33 G | 12929685.36 | 12929685.44 | 12929685.51 | 0.3689 | 0.3045 |
| Mercury | 30689-09-17 02:53 G | 12930246.53 | 12930246.62 | 12930246.71 | 0.3681 | 0.2108 |
| Mercury | 30693-09-18 23:02 G | 12931709.32 | 12931709.46 | 12931709.59 | 0.3690 | 0.0146 |
| Mercury | 30695-04-02 20:38 G | 12932270.25 | 12932270.36 | 12932270.48 | 0.3681 | 0.0261 |
| Mercury | 30699-04-04 22:48 G | 12933733.38 | 12933733.45 | 12933733.52 | 0.3691 | 0.3028 |
| Mercury | 30700-10-17 14:53 G | 12934294.02 | 12934294.12 | 12934294.22 | 0.3680 | 0.1717 |
| Mercury | 30740-10-09 07:12 G | 12948895.75 | 12948895.80 | 12948895.84 | 0.3682 | 0.3297 |
| Mercury | 30744-10-10 22:19 G | 12950358.32 | 12950358.43 | 12950358.55 | 0.3689 | 0.1985 |
| Mercury | 30746-04-25 00:57 G | 12950919.43 | 12950919.54 | 12950919.64 | 0.3681 | 0.1458 |
| Mercury | 30750-04-26 22:33 G | 12952382.32 | 12952382.44 | 12952382.57 | 0.3690 | 0.1091 |
| Mercury | 30751-11-08 18:57 G | 12952943.17 | 12952943.29 | 12952943.40 | 0.3680 | 0.0461 |
| Mercury | 30757-05-24 12:57 G | 12954966.96 | 12954967.04 | 12954967.13 | 0.3680 | 0.2411 |
| Mercury | 30797-05-16 05:02 G | 12969568.64 | 12969568.71 | 12969568.79 | 0.3682 | 0.2667 |
| Mercury | 30801-05-17 22:19 G | 12971031.30 | 12971031.43 | 12971031.56 | 0.3690 | 0.0936 |
| Mercury | 30802-11-29 23:02 G | 12971592.35 | 12971592.46 | 12971592.57 | 0.3681 | 0.0805 |
| Mercury | 30806-12-01 22:19 G | 12973055.33 | 12973055.43 | 12973055.54 | 0.3690 | 0.2094 |
| Mercury | 30808-06-14 17:02 G | 12973616.10 | 12973616.21 | 12973616.32 | 0.3680 | 0.1123 |
| Mercury | 30813-12-29 11:17 G | 12975639.91 | 12975639.97 | 12975640.03 | 0.3680 | 0.3112 |
| Mercury | 30852-06-07 21:36 G | 12989680.33 | 12989680.40 | 12989680.47 | 0.3689 | 0.3049 |
| Mercury | 30853-12-21 03:07 G | 12990241.54 | 12990241.63 | 12990241.73 | 0.3681 | 0.2024 |
| Mercury | 30857-12-22 22:05 G | 12991704.29 | 12991704.42 | 12991704.55 | 0.3690 | 0.0100 |
| Mercury | 30859-07-06 21:07 G | 12992265.27 | 12992265.38 | 12992265.49 | 0.3681 | 0.0140 |
| Mercury | 30863-07-08 22:05 G | 12993728.35 | 12993728.42 | 12993728.49 | 0.3691 | 0.3086 |
| Mercury | 30865-01-19 15:07 G | 12994289.03 | 12994289.13 | 12994289.23 | 0.3680 | 0.1802 |
| Mercury | 30905-01-12 07:26 G | 13008890.76 | 13008890.81 | 13008890.86 | 0.3682 | 0.3223 |
| Mercury | 30909-01-13 21:21 G | 13010353.28 | 13010353.39 | 13010353.51 | 0.3689 | 0.1984 |
| Mercury | 30910-07-29 01:12 G | 13010914.45 | 13010914.55 | 13010914.65 | 0.3681 | 0.1376 |
| Mercury | 30914-07-30 21:50 G | 13012377.28 | 13012377.41 | 13012377.53 | 0.3690 | 0.1116 |
| Mercury | 30916-02-11 19:12 G | 13012938.19 | 13012938.30 | 13012938.41 | 0.3681 | 0.0532 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 30921-08-27 13:12 G | 13014961.97 | 13014962.05 | 13014962.14 | 0.3680 | 0.2496 |
| Mercury | 30961-08-19 05:31 G | 13029563.65 | 13029563.73 | 13029563.81 | 0.3682 | 0.2588 |
| Mercury | 30965-08-20 21:21 G | 13031026.26 | 13031026.39 | 13031026.51 | 0.3690 | 0.0945 |
| Mercury | 30967-03-04 23:17 G | 13031587.36 | 13031587.47 | 13031587.58 | 0.3681 | 0.0727 |
| Mercury | 30971-03-06 21:36 G | 13033050.29 | 13033050.40 | 13033050.50 | 0.3690 | 0.2133 |
| Mercury | 30972-09-17 17:17 G | 13033611.11 | 13033611.22 | 13033611.33 | 0.3680 | 0.1202 |
| Mercury | 30978-04-03 11:31 G | 13035634.92 | 13035634.98 | 13035635.03 | 0.3680 | 0.3195 |

32ND MILLENNIUM CE

This is a list of transits visible from Venus in the 32nd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 31016-09-11 20:24 G | | 13049675.28 | 13049675.35 | 13049675.42 | 0.3689 | 0.3088 | |
| Mercury | 31018-03-27 03:36 G | | 13050236.55 | 13050236.65 | 13050236.74 | 0.3681 | 0.1956 | |
| Mercury | 31022-03-28 21:07 G | | 13051699.24 | 13051699.38 | 13051699.51 | 0.3690 | 0.0124 | |
| Mercury | 31023-10-10 21:21 G | | 13052260.28 | 13052260.39 | 13052260.50 | 0.3681 | 0.0073 | |
| Mercury | 31027-10-12 21:07 G | | 13053723.32 | 13053723.38 | 13053723.45 | 0.3690 | 0.3128 | |
| Mercury | 31029-04-25 15:21 G | | 13054284.04 | 13054284.14 | 13054284.24 | 0.3680 | 0.1888 | |
| Mercury | 31069-04-17 07:55 G | | 13068885.77 | 13068885.83 | 13068885.88 | 0.3682 | 0.3146 | |
| Mercury | 31073-04-18 20:24 G | | 13070348.24 | 13070348.35 | 13070348.46 | 0.3689 | 0.2004 | |
| Mercury | 31074-11-01 01:26 G | | 13070909.46 | 13070909.56 | 13070909.67 | 0.3681 | 0.1309 | |
| Mercury | 31078-11-02 20:53 G | | 13072372.25 | 13072372.37 | 13072372.50 | 0.3690 | 0.1151 | |
| Mercury | 31080-05-16 19:26 G | | 13072933.20 | 13072933.31 | 13072933.42 | 0.3681 | 0.0611 | |
| Mercury | 31085-11-30 13:41 G | | 13074956.99 | 13074957.07 | 13074957.15 | 0.3680 | 0.2591 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 31125-11-23 06:00 G | 13089558.67 | 13089558.75 | 13089558.83 | 0.3682 | 0.2511 |
| Mercury | 31129-11-24 20:24 G | 13091021.22 | 13091021.35 | 13091021.47 | 0.3689 | 0.0933 |
| Mercury | 31131-06-08 23:31 G | 13091582.37 | 13091582.48 | 13091582.59 | 0.3681 | 0.0652 |
| Mercury | 31135-06-10 20:38 G | 13093045.26 | 13093045.36 | 13093045.47 | 0.3690 | 0.2181 |
| Mercury | 31136-12-22 17:31 G | 13093606.13 | 13093606.23 | 13093606.34 | 0.3680 | 0.1297 |
| Mercury | 31142-07-08 11:45 G | 13095629.94 | 13095629.99 | 13095630.04 | 0.3680 | 0.3292 |
| Mercury | 31180-12-15 19:26 G | 13109670.24 | 13109670.31 | 13109670.38 | 0.3689 | 0.3096 |
| Mercury | 31182-06-30 03:50 G | 13110231.57 | 13110231.66 | 13110231.76 | 0.3682 | 0.1866 |
| Mercury | 31186-07-01 20:09 G | 13111694.21 | 13111694.34 | 13111694.47 | 0.3690 | 0.0138 |
| Mercury | 31188-01-13 21:36 G | 13112255.29 | 13112255.40 | 13112255.52 | 0.3681 | 0.0113 |
| Mercury | 31192-01-15 20:24 G | 13113718.29 | 13113718.35 | 13113718.41 | 0.3690 | 0.3191 |
| Mercury | 31193-07-29 15:36 G | 13114279.06 | 13114279.15 | 13114279.25 | 0.3680 | 0.1989 |
| Mercury | 31233-07-21 08:24 G | 13128880.79 | 13128880.85 | 13128880.91 | 0.3682 | 0.3063 |
| Mercury | 31237-07-22 19:26 G | 13130343.19 | 13130343.31 | 13130343.42 | 0.3689 | 0.2008 |
| Mercury | 31239-02-04 01:55 G | 13130904.47 | 13130904.58 | 13130904.68 | 0.3682 | 0.1218 |
| Mercury | 31243-02-05 19:55 G | 13132367.21 | 13132367.33 | 13132367.46 | 0.3690 | 0.1192 |
| Mercury | 31244-08-19 19:41 G | 13132928.21 | 13132928.32 | 13132928.43 | 0.3681 | 0.0708 |
| Mercury | 31250-03-05 13:41 G | 13134952.00 | 13134952.07 | 13134952.15 | 0.3680 | 0.2674 |
| Mercury | 31290-02-25 06:14 G | 13149553.68 | 13149553.76 | 13149553.84 | 0.3682 | 0.2437 |
| Mercury | 31294-02-26 19:12 G | 13151016.17 | 13151016.30 | 13151016.43 | 0.3689 | 0.0927 |
| Mercury | 31295-09-11 00:00 G | 13151577.39 | 13151577.50 | 13151577.61 | 0.3681 | 0.0568 |
| Mercury | 31299-09-12 19:41 G | 13153040.21 | 13153040.32 | 13153040.42 | 0.3690 | 0.2204 |
| Mercury | 31301-03-27 17:45 G | 13153601.14 | 13153601.24 | 13153601.35 | 0.3681 | 0.1376 |
| Mercury | 31306-10-11 12:00 G | 13155624.96 | 13155625.00 | 13155625.04 | 0.3680 | 0.3374 |
| Mercury | 31341-03-19 10:33 G | 13168202.93 | 13168202.94 | 13168202.96 | 0.3682 | 0.3626 |
| Mercury | 31345-03-20 18:14 G | 13169665.19 | 13169665.26 | 13169665.33 | 0.3689 | 0.3123 |
| Mercury | 31346-10-03 04:19 G | 13170226.58 | 13170226.68 | 13170226.77 | 0.3682 | 0.1793 |
| Mercury | 31350-10-04 19:12 G | 13171689.16 | 13171689.30 | 13171689.43 | 0.3689 | 0.0160 |
| Mercury | 31352-04-17 22:05 G | 13172250.30 | 13172250.42 | 13172250.53 | 0.3681 | 0.0151 |
| Mercury | 31356-04-19 19:26 G | 13173713.25 | 13173713.31 | 13173713.37 | 0.3690 | 0.3229 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 31357-11-01 15:50 G | 13174274.07 | 13174274.16 | 13174274.26 | 0.3680 | 0.2073 |
| Mercury | 31397-10-24 08:38 G | 13188875.80 | 13188875.86 | 13188875.92 | 0.3682 | 0.2990 |
| Mercury | 31401-10-26 18:14 G | 13190338.15 | 13190338.26 | 13190338.37 | 0.3689 | 0.2013 |
| Mercury | 31403-05-11 02:09 G | 13190899.49 | 13190899.59 | 13190899.70 | 0.3681 | 0.1137 |
| Mercury | 31407-05-12 18:57 G | 13192362.17 | 13192362.29 | 13192362.42 | 0.3690 | 0.1203 |
| Mercury | 31408-11-23 20:09 G | 13192923.23 | 13192923.34 | 13192923.45 | 0.3681 | 0.0795 |
| Mercury | 31414-06-09 14:09 G | 13194947.01 | 13194947.09 | 13194947.16 | 0.3680 | 0.2768 |
| Mercury | 31454-06-01 06:43 G | 13209548.69 | 13209548.78 | 13209548.86 | 0.3682 | 0.2352 |
| Mercury | 31458-06-02 18:14 G | 13211011.13 | 13211011.26 | 13211011.39 | 0.3689 | 0.0910 |
| Mercury | 31459-12-16 00:14 G | 13211572.40 | 13211572.51 | 13211572.62 | 0.3681 | 0.0475 |
| Mercury | 31463-12-17 18:43 G | 13213035.18 | 13213035.28 | 13213035.39 | 0.3690 | 0.2260 |
| Mercury | 31465-06-30 18:14 G | 13213596.16 | 13213596.26 | 13213596.36 | 0.3681 | 0.1476 |
| Mercury | 31471-01-14 12:14 G | 13215619.98 | 13215620.01 | 13215620.04 | 0.3680 | 0.3475 |
| Mercury | 31505-06-23 11:02 G | 13228197.94 | 13228197.96 | 13228197.99 | 0.3682 | 0.3538 |
| Mercury | 31509-06-24 17:17 G | 13229660.15 | 13229660.22 | 13229660.29 | 0.3689 | 0.3129 |
| Mercury | 31511-01-07 04:33 G | 13230221.59 | 13230221.69 | 13230221.79 | 0.3682 | 0.1699 |
| Mercury | 31515-01-08 18:14 G | 13231684.12 | 13231684.26 | 13231684.39 | 0.3689 | 0.0180 |
| Mercury | 31516-07-22 22:19 G | 13232245.32 | 13232245.43 | 13232245.54 | 0.3681 | 0.0210 |
| Mercury | 31520-07-24 18:29 G | 13233708.22 | 13233708.27 | 13233708.33 | 0.3690 | 0.3289 |
| Mercury | 31522-02-05 16:19 G | 13234269.09 | 13234269.18 | 13234269.27 | 0.3681 | 0.2162 |
| Mercury | 31562-01-28 09:07 G | 13248870.81 | 13248870.88 | 13248870.94 | 0.3682 | 0.2912 |
| Mercury | 31566-01-29 17:17 G | 13250333.11 | 13250333.22 | 13250333.33 | 0.3689 | 0.2010 |
| Mercury | 31567-08-14 02:38 G | 13250894.50 | 13250894.61 | 13250894.72 | 0.3682 | 0.1041 |
| Mercury | 31571-08-15 18:00 G | 13252357.12 | 13252357.25 | 13252357.37 | 0.3690 | 0.1233 |
| Mercury | 31573-02-26 20:24 G | 13252918.24 | 13252918.35 | 13252918.46 | 0.3681 | 0.0874 |
| Mercury | 31578-09-12 14:24 G | 13254942.03 | 13254942.10 | 13254942.17 | 0.3680 | 0.2859 |
| Mercury | 31618-09-04 06:57 G | 13269543.71 | 13269543.79 | 13269543.88 | 0.3682 | 0.2265 |
| Mercury | 31622-09-05 17:17 G | 13271006.09 | 13271006.22 | 13271006.35 | 0.3689 | 0.0923 |
| Mercury | 31624-03-20 00:43 G | 13271567.41 | 13271567.53 | 13271567.64 | 0.3681 | 0.0413 |
| Mercury | 31628-03-21 17:45 G | 13273030.14 | 13273030.24 | 13273030.35 | 0.3690 | 0.2294 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 31629-10-03 18:29 G | 13273591.17 | 13273591.27 | 13273591.37 | 0.3681 | 0.1561 |
| Mercury | 31635-04-19 12:29 G | 13275615.00 | 13275615.02 | 13275615.04 | 0.3680 | 0.3566 |
| Mercury | 31669-09-25 11:31 G | 13288192.94 | 13288192.98 | 13288193.01 | 0.3683 | 0.3464 |
| Mercury | 31673-09-26 16:05 G | 13289655.10 | 13289655.17 | 13289655.23 | 0.3688 | 0.3170 |
| Mercury | 31675-04-11 05:02 G | 13290216.61 | 13290216.71 | 13290216.81 | 0.3682 | 0.1618 |
| Mercury | 31679-04-12 17:02 G | 13291679.08 | 13291679.21 | 13291679.35 | 0.3689 | 0.0188 |
| Mercury | 31680-10-24 22:33 G | 13292240.33 | 13292240.44 | 13292240.55 | 0.3681 | 0.0301 |
| Mercury | 31684-10-26 17:31 G | 13293703.18 | 13293703.23 | 13293703.29 | 0.3690 | 0.3344 |
| Mercury | 31686-05-10 16:33 G | 13294264.10 | 13294264.19 | 13294264.28 | 0.3681 | 0.2257 |
| Mercury | 31726-05-03 09:21 G | 13308865.82 | 13308865.89 | 13308865.96 | 0.3682 | 0.2823 |
| Mercury | 31730-05-04 16:05 G | 13310328.06 | 13310328.17 | 13310328.28 | 0.3689 | 0.2027 |
| Mercury | 31731-11-17 02:53 G | 13310889.52 | 13310889.62 | 13310889.73 | 0.3682 | 0.0966 |
| Mercury | 31735-11-18 17:02 G | 13312352.08 | 13312352.21 | 13312352.33 | 0.3690 | 0.1273 |
| Mercury | 31737-06-01 20:38 G | 13312913.26 | 13312913.36 | 13312913.47 | 0.3681 | 0.0976 |
| Mercury | 31742-12-16 14:38 G | 13314937.05 | 13314937.11 | 13314937.18 | 0.3680 | 0.2963 |
| Mercury | 31782-12-08 07:26 G | 13329538.72 | 13329538.81 | 13329538.90 | 0.3682 | 0.2173 |
| Mercury | 31786-12-09 16:05 G | 13331001.04 | 13331001.17 | 13331001.30 | 0.3689 | 0.0901 |
| Mercury | 31788-06-23 00:57 G | 13331562.43 | 13331562.54 | 13331562.65 | 0.3681 | 0.0292 |
| Mercury | 31792-06-24 16:48 G | 13333025.10 | 13333025.20 | 13333025.31 | 0.3690 | 0.2350 |
| Mercury | 31794-01-06 18:43 G | 13333586.18 | 13333586.28 | 13333586.38 | 0.3681 | 0.1664 |
| Mercury | 31799-07-23 12:43 G | 13335610.03 | 13335610.03 | 13335610.04 | 0.3680 | 0.3673 |
| Mercury | 31833-12-30 12:00 G | 13348187.96 | 13348188.00 | 13348188.04 | 0.3683 | 0.3372 |
| Mercury | 31837-12-31 14:53 G | 13349650.05 | 13349650.12 | 13349650.19 | 0.3688 | 0.3172 |
| Mercury | 31839-07-16 05:31 G | 13350211.62 | 13350211.73 | 13350211.83 | 0.3682 | 0.1528 |
| Mercury | 31843-07-17 16:05 G | 13351674.04 | 13351674.17 | 13351674.31 | 0.3689 | 0.0215 |
| Mercury | 31845-01-28 23:02 G | 13352235.35 | 13352235.46 | 13352235.57 | 0.3681 | 0.0385 |
| Mercury | 31849-01-30 16:48 G | 13353698.15 | 13353698.20 | 13353698.25 | 0.3690 | 0.3411 |
| Mercury | 31850-08-14 16:48 G | 13354259.12 | 13354259.20 | 13354259.29 | 0.3681 | 0.2361 |
| Mercury | 31890-08-06 09:50 G | 13368860.84 | 13368860.91 | 13368860.98 | 0.3683 | 0.2729 |
| Mercury | 31894-08-07 14:53 G | 13370323.01 | 13370323.12 | 13370323.24 | 0.3689 | 0.2034 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 31896-02-20 03:21 G | 13370884.53 | 13370884.64 | 13370884.75 | 0.3682 | 0.0871 |
| Mercury | 31900-02-21 16:05 G | 13372347.04 | 13372347.17 | 13372347.29 | 0.3690 | 0.1307 |
| Mercury | 31901-09-05 21:07 G | 13372908.27 | 13372908.38 | 13372908.48 | 0.3681 | 0.1071 |
| Mercury | 31907-03-22 14:53 G | 13374932.06 | 13374932.12 | 13374932.18 | 0.3680 | 0.3050 |
| Mercury | 31947-03-14 07:41 G | 13389533.73 | 13389533.82 | 13389533.91 | 0.3682 | 0.2096 |
| Mercury | 31951-03-15 15:07 G | 13390996.00 | 13390996.13 | 13390996.26 | 0.3689 | 0.0899 |
| Mercury | 31952-09-27 01:26 G | 13391557.44 | 13391557.56 | 13391557.67 | 0.3682 | 0.0250 |
| Mercury | 31956-09-28 15:50 G | 13393020.06 | 13393020.16 | 13393020.26 | 0.3690 | 0.2377 |
| Mercury | 31958-04-12 19:12 G | 13393581.20 | 13393581.30 | 13393581.39 | 0.3681 | 0.1759 |
| Mercury | 31998-04-04 12:14 G | 13408182.97 | 13408183.01 | 13408183.06 | 0.3683 | 0.3293 |

33RD MILLENNIUM CE

This is a list of transits visible from Venus in the 33rd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 32002-04-05 13:41 G | | 13409645.01 | 13409645.07 | 13409645.14 | 0.3688 | 0.3198 | |
| Mercury | 32003-10-19 05:45 G | | 13410206.64 | 13410206.74 | 13410206.84 | 0.3682 | 0.1439 | |
| Mercury | 32007-10-20 14:53 G | | 13411668.99 | 13411669.12 | 13411669.26 | 0.3689 | 0.0253 | |
| Mercury | 32009-05-03 23:17 G | | 13412230.36 | 13412230.47 | 13412230.58 | 0.3681 | 0.0491 | |
| Mercury | 32013-05-05 15:36 G | | 13413693.11 | 13413693.15 | 13413693.20 | 0.3690 | 0.3453 | |
| Mercury | 32014-11-17 17:02 G | | 13414254.13 | 13414254.21 | 13414254.30 | 0.3681 | 0.2454 | |
| Mercury | 32054-11-09 10:19 G | | 13428855.85 | 13428855.93 | 13428856.00 | 0.3682 | 0.2650 | |
| Mercury | 32058-11-10 13:55 G | | 13430317.96 | 13430318.08 | 13430318.19 | 0.3688 | 0.2034 | |
| Mercury | 32060-05-25 03:36 G | | 13430879.55 | 13430879.65 | 13430879.76 | 0.3682 | 0.0787 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 32064-05-26 14:53 G | 13432342.00 | 13432342.12 | 13432342.25 | 0.3689 | 0.1333 |
| Mercury | 32065-12-08 21:21 G | 13432903.29 | 13432903.39 | 13432903.50 | 0.3681 | 0.1166 |
| Mercury | 32071-06-24 15:07 G | 13434927.08 | 13434927.13 | 13434927.19 | 0.3681 | 0.3161 |
| Mercury | 32111-06-17 08:09 G | 13449528.75 | 13449528.84 | 13449528.93 | 0.3682 | 0.1998 |
| Mercury | 32115-06-18 13:55 G | 13450990.95 | 13450991.08 | 13450991.21 | 0.3689 | 0.0878 |
| Mercury | 32116-12-31 01:41 G | 13451552.46 | 13451552.57 | 13451552.68 | 0.3682 | 0.0127 |
| Mercury | 32121-01-01 14:53 G | 13453015.02 | 13453015.12 | 13453015.22 | 0.3689 | 0.2435 |
| Mercury | 32122-07-16 19:26 G | 13453576.21 | 13453576.31 | 13453576.41 | 0.3681 | 0.1860 |
| Mercury | 32162-07-08 12:43 G | 13468177.98 | 13468178.03 | 13468178.09 | 0.3683 | 0.3197 |
| Mercury | 32166-07-09 12:29 G | 13469639.96 | 13469640.02 | 13469640.09 | 0.3688 | 0.3205 |
| Mercury | 32168-01-22 06:14 G | 13470201.65 | 13470201.76 | 13470201.86 | 0.3682 | 0.1349 |
| Mercury | 32172-01-23 13:55 G | 13471663.95 | 13471664.08 | 13471664.22 | 0.3689 | 0.0256 |
| Mercury | 32173-08-06 23:45 G | 13472225.38 | 13472225.49 | 13472225.60 | 0.3682 | 0.0583 |
| Mercury | 32177-08-08 14:38 G | 13473688.08 | 13473688.11 | 13473688.15 | 0.3690 | 0.3515 |
| Mercury | 32179-02-20 17:31 G | 13474249.15 | 13474249.23 | 13474249.31 | 0.3681 | 0.2551 |
| Mercury | 32219-02-13 10:33 G | 13488850.87 | 13488850.94 | 13488851.02 | 0.3683 | 0.2564 |
| Mercury | 32223-02-14 12:43 G | 13490312.92 | 13490313.03 | 13490313.14 | 0.3688 | 0.2029 |
| Mercury | 32224-08-29 04:05 G | 13490874.56 | 13490874.67 | 13490874.78 | 0.3682 | 0.0677 |
| Mercury | 32228-08-30 13:55 G | 13492336.95 | 13492337.08 | 13492337.20 | 0.3689 | 0.1365 |
| Mercury | 32230-03-14 21:36 G | 13492898.30 | 13492898.40 | 13492898.51 | 0.3681 | 0.1263 |
| Mercury | 32235-09-28 15:36 G | 13494922.10 | 13494922.15 | 13494922.20 | 0.3681 | 0.3261 |
| Mercury | 32275-09-20 08:38 G | 13509523.76 | 13509523.86 | 13509523.95 | 0.3683 | 0.1911 |
| Mercury | 32279-09-21 12:43 G | 13510985.90 | 13510986.03 | 13510986.16 | 0.3689 | 0.0890 |
| Mercury | 32281-04-05 02:09 G | 13511547.47 | 13511547.59 | 13511547.70 | 0.3682 | 0.0134 |
| Mercury | 32285-04-06 13:55 G | 13513009.98 | 13513010.08 | 13513010.17 | 0.3689 | 0.2475 |
| Mercury | 32286-10-19 19:41 G | 13513571.23 | 13513571.32 | 13513571.42 | 0.3681 | 0.1950 |
| Mercury | 32326-10-12 13:12 G | 13528172.99 | 13528173.05 | 13528173.11 | 0.3683 | 0.3116 |
| Mercury | 32330-10-13 11:17 G | 13529634.91 | 13529634.97 | 13529635.03 | 0.3688 | 0.3239 |
| Mercury | 32332-04-27 06:29 G | 13530196.67 | 13530196.77 | 13530196.88 | 0.3682 | 0.1252 |
| Mercury | 32336-04-28 12:43 G | 13531658.90 | 13531659.03 | 13531659.17 | 0.3689 | 0.0268 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 32337-11-11 00:00 G | 13532220.39 | 13532220.50 | 13532220.61 | 0.3681 | 0.0677 |
| Mercury | 32341-11-12 13:41 G | 13533683.04 | 13533683.07 | 13533683.10 | 0.3690 | 0.3576 |
| Mercury | 32343-05-27 17:45 G | 13534244.17 | 13534244.24 | 13534244.32 | 0.3681 | 0.2659 |
| Mercury | 32383-05-19 11:02 G | 13548845.88 | 13548845.96 | 13548846.04 | 0.3683 | 0.2465 |
| Mercury | 32387-05-20 11:31 G | 13550307.86 | 13550307.98 | 13550308.09 | 0.3688 | 0.2052 |
| Mercury | 32388-12-02 04:33 G | 13550869.58 | 13550869.69 | 13550869.80 | 0.3682 | 0.0581 |
| Mercury | 32392-12-03 12:43 G | 13552331.91 | 13552332.03 | 13552332.16 | 0.3689 | 0.1414 |
| Mercury | 32394-06-17 22:05 G | 13552893.32 | 13552893.42 | 13552893.52 | 0.3681 | 0.1363 |
| Mercury | 32400-01-01 15:50 G | 13554917.12 | 13554917.16 | 13554917.20 | 0.3681 | 0.3373 |
| Mercury | 32434-06-09 15:50 G | 13567495.15 | 13567495.16 | 13567495.16 | 0.3683 | 0.3662 |
| Mercury | 32439-12-24 09:07 G | 13569518.78 | 13569518.88 | 13569518.97 | 0.3683 | 0.1812 |
| Mercury | 32443-12-25 11:31 G | 13570980.85 | 13570980.98 | 13570981.12 | 0.3688 | 0.0873 |
| Mercury | 32445-07-09 02:24 G | 13571542.49 | 13571542.60 | 13571542.71 | 0.3682 | 0.0145 |
| Mercury | 32449-07-10 12:43 G | 13573004.94 | 13573005.03 | 13573005.13 | 0.3689 | 0.2538 |
| Mercury | 32451-01-22 20:09 G | 13573566.25 | 13573566.34 | 13573566.43 | 0.3681 | 0.2063 |
| Mercury | 32491-01-14 13:41 G | 13588168.01 | 13588168.07 | 13588168.13 | 0.3683 | 0.3017 |
| Mercury | 32495-01-15 10:05 G | 13589629.86 | 13589629.92 | 13589629.98 | 0.3688 | 0.3244 |
| Mercury | 32496-07-30 06:57 G | 13590191.69 | 13590191.79 | 13590191.90 | 0.3682 | 0.1143 |
| Mercury | 32500-08-01 11:45 G | 13591653.85 | 13591653.99 | 13591654.12 | 0.3689 | 0.0301 |
| Mercury | 32502-02-14 00:29 G | 13592215.41 | 13592215.52 | 13592215.63 | 0.3682 | 0.0777 |
| Mercury | 32506-02-15 12:43 G | 13593678.01 | 13593678.03 | 13593678.05 | 0.3690 | 0.3641 |
| Mercury | 32507-08-30 18:14 G | 13594239.18 | 13594239.26 | 13594239.33 | 0.3681 | 0.2772 |
| Mercury | 32547-08-22 11:31 G | 13608840.90 | 13608840.98 | 13608841.06 | 0.3683 | 0.2368 |
| Mercury | 32551-08-23 10:19 G | 13610302.81 | 13610302.93 | 13610303.04 | 0.3688 | 0.2063 |
| Mercury | 32553-03-07 04:48 G | 13610864.59 | 13610864.70 | 13610864.81 | 0.3682 | 0.0491 |
| Mercury | 32557-03-08 11:45 G | 13612326.86 | 13612326.99 | 13612327.11 | 0.3689 | 0.1442 |
| Mercury | 32558-09-20 22:19 G | 13612888.33 | 13612888.43 | 13612888.54 | 0.3682 | 0.1468 |
| Mercury | 32564-04-05 16:05 G | 13614912.14 | 13614912.17 | 13614912.21 | 0.3681 | 0.3469 |
| Mercury | 32598-09-12 16:19 G | 13627490.15 | 13627490.18 | 13627490.20 | 0.3683 | 0.3573 |
| Mercury | 32604-03-29 09:21 G | 13629513.80 | 13629513.89 | 13629513.99 | 0.3683 | 0.1721 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 32608-03-30 10:19 G | 13630975.80 | 13630975.93 | 13630976.07 | 0.3688 | 0.0868 |
| Mercury | 32609-10-13 02:53 G | 13631537.51 | 13631537.62 | 13631537.73 | 0.3682 | 0.0206 |
| Mercury | 32613-10-14 11:45 G | 13632999.89 | 13632999.99 | 13633000.08 | 0.3689 | 0.2565 |
| Mercury | 32615-04-28 20:24 G | 13633561.26 | 13633561.35 | 13633561.44 | 0.3681 | 0.2166 |
| Mercury | 32655-04-20 14:09 G | 13648163.02 | 13648163.09 | 13648163.15 | 0.3683 | 0.2931 |
| Mercury | 32659-04-21 08:38 G | 13649624.80 | 13649624.86 | 13649624.92 | 0.3688 | 0.3280 |
| Mercury | 32660-11-03 07:26 G | 13650186.70 | 13650186.81 | 13650186.91 | 0.3682 | 0.1063 |
| Mercury | 32664-11-04 10:33 G | 13651648.80 | 13651648.94 | 13651649.07 | 0.3688 | 0.0316 |
| Mercury | 32666-05-20 00:43 G | 13652210.43 | 13652210.53 | 13652210.64 | 0.3682 | 0.0885 |
| Mercury | 32670-05-21 11:31 G | 13653672.98 | 13653672.98 | 13653672.99 | 0.3689 | 0.3686 |
| Mercury | 32671-12-03 18:29 G | 13654234.20 | 13654234.27 | 13654234.34 | 0.3681 | 0.2871 |
| Mercury | 32711-11-26 12:00 G | 13668835.91 | 13668836.00 | 13668836.08 | 0.3683 | 0.2276 |
| Mercury | 32715-11-27 09:07 G | 13670297.76 | 13670297.88 | 13670297.99 | 0.3688 | 0.2054 |
| Mercury | 32717-06-11 05:17 G | 13670859.61 | 13670859.72 | 13670859.83 | 0.3682 | 0.0380 |
| Mercury | 32721-06-12 10:33 G | 13672321.82 | 13672321.94 | 13672322.07 | 0.3689 | 0.1477 |
| Mercury | 32722-12-25 22:48 G | 13672883.35 | 13672883.45 | 13672883.55 | 0.3682 | 0.1578 |
| Mercury | 32728-07-10 16:33 G | 13674907.17 | 13674907.19 | 13674907.21 | 0.3681 | 0.3586 |
| Mercury | 32762-12-17 16:48 G | 13687485.16 | 13687485.20 | 13687485.23 | 0.3683 | 0.3475 |
| Mercury | 32768-07-02 09:50 G | 13689508.81 | 13689508.91 | 13689509.01 | 0.3683 | 0.1614 |
| Mercury | 32772-07-03 09:21 G | 13690970.75 | 13690970.89 | 13690971.02 | 0.3688 | 0.0847 |
| Mercury | 32774-01-16 03:21 G | 13691532.53 | 13691532.64 | 13691532.75 | 0.3682 | 0.0339 |
| Mercury | 32778-01-17 10:33 G | 13692994.85 | 13692994.94 | 13692995.04 | 0.3689 | 0.2622 |
| Mercury | 32779-08-01 20:53 G | 13693556.28 | 13693556.37 | 13693556.45 | 0.3681 | 0.2281 |
| Mercury | 32819-07-24 14:38 G | 13708158.04 | 13708158.11 | 13708158.17 | 0.3683 | 0.2829 |
| Mercury | 32823-07-25 07:26 G | 13709619.75 | 13709619.81 | 13709619.87 | 0.3688 | 0.3287 |
| Mercury | 32825-02-06 07:41 G | 13710181.72 | 13710181.82 | 13710181.93 | 0.3683 | 0.0959 |
| Mercury | 32829-02-07 09:21 G | 13711643.76 | 13711643.89 | 13711644.03 | 0.3688 | 0.0348 |
| Mercury | 32830-08-23 01:12 G | 13712205.44 | 13712205.55 | 13712205.66 | 0.3682 | 0.0991 |
| Mercury | 32836-03-07 18:43 G | 13714229.22 | 13714229.28 | 13714229.35 | 0.3681 | 0.2977 |
| Mercury | 32876-02-28 12:29 G | 13728830.93 | 13728831.02 | 13728831.10 | 0.3683 | 0.2182 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 32880-02-29 07:55 G | 13730292.71 | 13730292.83 | 13730292.94 | 0.3688 | 0.2053 |
| Mercury | 32881-09-13 05:45 G | 13730854.63 | 13730854.74 | 13730854.85 | 0.3682 | 0.0288 |
| Mercury | 32885-09-14 09:21 G | 13732316.77 | 13732316.89 | 13732317.02 | 0.3689 | 0.1502 |
| Mercury | 32887-03-29 23:02 G | 13732878.37 | 13732878.46 | 13732878.56 | 0.3682 | 0.1681 |
| Mercury | 32927-03-22 17:02 G | 13747480.17 | 13747480.21 | 13747480.25 | 0.3683 | 0.3387 |
| Mercury | 32932-10-05 10:19 G | 13749503.83 | 13749503.93 | 13749504.03 | 0.3683 | 0.1521 |
| Mercury | 32936-10-06 07:55 G | 13750965.70 | 13750965.83 | 13750965.96 | 0.3688 | 0.0852 |
| Mercury | 32938-04-21 03:36 G | 13751527.54 | 13751527.65 | 13751527.76 | 0.3682 | 0.0400 |
| Mercury | 32942-04-22 09:21 G | 13752989.80 | 13752989.89 | 13752989.99 | 0.3689 | 0.2664 |
| Mercury | 32943-11-04 21:07 G | 13753551.30 | 13753551.38 | 13753551.46 | 0.3681 | 0.2378 |
| Mercury | 32983-10-27 14:53 G | 13768153.05 | 13768153.12 | 13768153.19 | 0.3683 | 0.2738 |
| Mercury | 32987-10-28 06:14 G | 13769614.70 | 13769614.76 | 13769614.81 | 0.3687 | 0.3315 |
| Mercury | 32989-05-12 08:09 G | 13770176.73 | 13770176.84 | 13770176.95 | 0.3683 | 0.0849 |
| Mercury | 32993-05-13 08:09 G | 13771638.70 | 13771638.84 | 13771638.97 | 0.3688 | 0.0357 |
| Mercury | 32994-11-26 01:41 G | 13772200.46 | 13772200.57 | 13772200.67 | 0.3682 | 0.1102 |
| Mercury | 33000-06-11 19:12 G | 13774224.24 | 13774224.30 | 13774224.36 | 0.3681 | 0.3093 |

34TH MILLENNIUM CE

This is a list of transits visible from Venus in the 34th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 33040-06-03 12:57 G | | 13788825.95 | 13788826.04 | 13788826.12 | 0.3683 | 0.2081 | |
| Mercury | 33044-06-04 06:29 G | | 13790287.66 | 13790287.77 | 13790287.88 | 0.3688 | 0.2067 | |
| Mercury | 33045-12-18 06:00 G | | 13790849.64 | 13790849.75 | 13790849.86 | 0.3682 | 0.0223 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 33049-12-19 08:09 G | 13792311.72 | 13792311.84 | 13792311.97 | 0.3689 | 0.1548 |
| Mercury | 33051-07-03 23:31 G | 13792873.38 | 13792873.48 | 13792873.58 | 0.3682 | 0.1790 |
| Mercury | 33091-06-25 17:31 G | 13807475.19 | 13807475.23 | 13807475.28 | 0.3684 | 0.3285 |
| Mercury | 33097-01-08 10:48 G | 13809498.85 | 13809498.95 | 13809499.05 | 0.3683 | 0.1410 |
| Mercury | 33101-01-10 06:43 G | 13810960.65 | 13810960.78 | 13810960.91 | 0.3688 | 0.0829 |
| Mercury | 33102-07-26 04:05 G | 13811522.56 | 13811522.67 | 13811522.78 | 0.3682 | 0.0518 |
| Mercury | 33106-07-27 08:24 G | 13812984.76 | 13812984.85 | 13812984.94 | 0.3689 | 0.2730 |
| Mercury | 33108-02-08 21:36 G | 13813546.32 | 13813546.40 | 13813546.48 | 0.3682 | 0.2497 |
| Mercury | 33148-01-31 15:21 G | 13828148.07 | 13828148.14 | 13828148.22 | 0.3684 | 0.2633 |
| Mercury | 33152-02-01 04:48 G | 13829609.65 | 13829609.70 | 13829609.76 | 0.3687 | 0.3319 |
| Mercury | 33153-08-16 08:38 G | 13830171.75 | 13830171.86 | 13830171.97 | 0.3683 | 0.0737 |
| Mercury | 33157-08-17 06:57 G | 13831633.65 | 13831633.79 | 13831633.92 | 0.3688 | 0.0382 |
| Mercury | 33159-03-02 01:55 G | 13832195.48 | 13832195.58 | 13832195.69 | 0.3682 | 0.1201 |
| Mercury | 33164-09-14 19:26 G | 13834219.26 | 13834219.31 | 13834219.36 | 0.3682 | 0.3208 |
| Mercury | 33204-09-06 13:12 G | 13848820.96 | 13848821.05 | 13848821.15 | 0.3683 | 0.1978 |
| Mercury | 33208-09-07 05:02 G | 13850282.60 | 13850282.71 | 13850282.83 | 0.3688 | 0.2078 |
| Mercury | 33210-03-23 06:29 G | 13850844.66 | 13850844.77 | 13850844.88 | 0.3683 | 0.0071 |
| Mercury | 33214-03-24 06:57 G | 13852306.67 | 13852306.79 | 13852306.92 | 0.3689 | 0.1589 |
| Mercury | 33215-10-07 00:00 G | 13852868.40 | 13852868.50 | 13852868.59 | 0.3682 | 0.1903 |
| Mercury | 33255-09-28 18:00 G | 13867470.20 | 13867470.25 | 13867470.30 | 0.3684 | 0.3187 |
| Mercury | 33261-04-13 11:02 G | 13869493.86 | 13869493.96 | 13869494.07 | 0.3683 | 0.1321 |
| Mercury | 33265-04-14 05:31 G | 13870955.59 | 13870955.73 | 13870955.86 | 0.3688 | 0.0840 |
| Mercury | 33266-10-28 04:19 G | 13871517.58 | 13871517.68 | 13871517.79 | 0.3682 | 0.0630 |
| Mercury | 33270-10-29 07:12 G | 13872979.71 | 13872979.80 | 13872979.89 | 0.3689 | 0.2762 |
| Mercury | 33272-05-12 21:50 G | 13873541.33 | 13873541.41 | 13873541.49 | 0.3682 | 0.2607 |
| Mercury | 33312-05-05 15:50 G | 13888143.08 | 13888143.16 | 13888143.24 | 0.3683 | 0.2534 |
| Mercury | 33316-05-06 03:21 G | 13889604.59 | 13889604.64 | 13889604.70 | 0.3687 | 0.3357 |
| Mercury | 33317-11-19 09:07 G | 13890166.77 | 13890166.88 | 13890166.98 | 0.3683 | 0.0655 |
| Mercury | 33321-11-20 05:45 G | 13891628.60 | 13891628.74 | 13891628.87 | 0.3688 | 0.0420 |
| Mercury | 33323-06-05 02:24 G | 13892190.50 | 13892190.60 | 13892190.70 | 0.3682 | 0.1316 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 33328-12-18 19:55 G | 13894214.28 | 13894214.33 | 13894214.37 | 0.3681 | 0.3323 |
| Mercury | 33368-12-10 13:41 G | 13908815.98 | 13908816.07 | 13908816.17 | 0.3683 | 0.1873 |
| Mercury | 33372-12-11 03:50 G | 13910277.55 | 13910277.66 | 13910277.77 | 0.3687 | 0.2072 |
| Mercury | 33374-06-26 06:57 G | 13910839.68 | 13910839.79 | 13910839.90 | 0.3683 | 0.0053 |
| Mercury | 33378-06-27 06:00 G | 13912301.62 | 13912301.75 | 13912301.87 | 0.3688 | 0.1631 |
| Mercury | 33380-01-10 00:14 G | 13912863.42 | 13912863.51 | 13912863.61 | 0.3682 | 0.2024 |
| Mercury | 33420-01-02 18:29 G | 13927465.22 | 13927465.27 | 13927465.33 | 0.3684 | 0.3079 |
| Mercury | 33425-07-18 11:31 G | 13929488.88 | 13929488.98 | 13929489.09 | 0.3683 | 0.1209 |
| Mercury | 33429-07-19 04:05 G | 13930950.54 | 13930950.67 | 13930950.81 | 0.3688 | 0.0814 |
| Mercury | 33431-02-01 04:48 G | 13931512.59 | 13931512.70 | 13931512.81 | 0.3683 | 0.0739 |
| Mercury | 33435-02-02 06:00 G | 13932974.67 | 13932974.75 | 13932974.84 | 0.3688 | 0.2826 |
| Mercury | 33436-08-16 22:19 G | 13933536.36 | 13933536.43 | 13933536.50 | 0.3682 | 0.2729 |
| Mercury | 33476-08-08 16:19 G | 13948138.10 | 13948138.18 | 13948138.26 | 0.3684 | 0.2425 |
| Mercury | 33480-08-09 02:09 G | 13949599.53 | 13949599.59 | 13949599.64 | 0.3687 | 0.3367 |
| Mercury | 33482-02-22 09:36 G | 13950161.79 | 13950161.90 | 13950162.00 | 0.3683 | 0.0553 |
| Mercury | 33486-02-23 04:33 G | 13951623.55 | 13951623.69 | 13951623.82 | 0.3688 | 0.0456 |
| Mercury | 33487-09-08 02:53 G | 13952185.51 | 13952185.62 | 13952185.72 | 0.3682 | 0.1438 |
| Mercury | 33493-03-23 20:09 G | 13954209.30 | 13954209.34 | 13954209.38 | 0.3682 | 0.3436 |
| Mercury | 33527-08-31 21:21 G | 13966787.37 | 13966787.39 | 13966787.40 | 0.3684 | 0.3627 |
| Mercury | 33533-03-16 14:09 G | 13968811.00 | 13968811.09 | 13968811.19 | 0.3683 | 0.1770 |
| Mercury | 33537-03-17 02:24 G | 13970272.49 | 13970272.60 | 13970272.72 | 0.3687 | 0.2082 |
| Mercury | 33538-09-30 07:26 G | 13970834.70 | 13970834.81 | 13970834.92 | 0.3683 | 0.0191 |
| Mercury | 33542-10-01 04:33 G | 13972296.57 | 13972296.69 | 13972296.81 | 0.3688 | 0.1648 |
| Mercury | 33544-04-15 00:43 G | 13972858.44 | 13972858.53 | 13972858.62 | 0.3682 | 0.2126 |
| Mercury | 33584-04-06 18:57 G | 13987460.23 | 13987460.29 | 13987460.35 | 0.3684 | 0.2986 |
| Mercury | 33589-10-21 12:00 G | 13989483.90 | 13989484.00 | 13989484.11 | 0.3683 | 0.1101 |
| Mercury | 33593-10-22 02:38 G | 13990945.48 | 13990945.61 | 13990945.75 | 0.3688 | 0.0827 |
| Mercury | 33595-05-07 05:17 G | 13991507.61 | 13991507.72 | 13991507.83 | 0.3682 | 0.0844 |
| Mercury | 33599-05-08 04:48 G | 13992969.61 | 13992969.70 | 13992969.78 | 0.3688 | 0.2867 |
| Mercury | 33600-11-19 22:33 G | 13993531.37 | 13993531.44 | 13993531.51 | 0.3682 | 0.2839 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 33640-11-11 16:48 G | 14008133.12 | 14008133.20 | 14008133.28 | 0.3684 | 0.2326 |
| Mercury | 33644-11-12 00:43 G | 14009594.48 | 14009594.53 | 14009594.58 | 0.3687 | 0.3395 |
| Mercury | 33646-05-28 09:50 G | 14010156.81 | 14010156.91 | 14010157.02 | 0.3683 | 0.0432 |
| Mercury | 33650-05-29 03:07 G | 14011618.49 | 14011618.63 | 14011618.77 | 0.3688 | 0.0448 |
| Mercury | 33651-12-12 03:07 G | 14012180.53 | 14012180.63 | 14012180.73 | 0.3682 | 0.1543 |
| Mercury | 33657-06-26 20:38 G | 14014204.33 | 14014204.36 | 14014204.38 | 0.3682 | 0.3561 |
| Mercury | 33691-12-03 21:36 G | 14026782.38 | 14026782.40 | 14026782.43 | 0.3684 | 0.3532 |
| Mercury | 33697-06-18 14:38 G | 14028806.01 | 14028806.11 | 14028806.21 | 0.3683 | 0.1659 |
| Mercury | 33701-06-20 00:57 G | 14030267.43 | 14030267.54 | 14030267.66 | 0.3687 | 0.2093 |
| Mercury | 33703-01-03 07:55 G | 14030829.72 | 14030829.83 | 14030829.93 | 0.3683 | 0.0306 |
| Mercury | 33707-01-04 03:21 G | 14032291.52 | 14032291.64 | 14032291.76 | 0.3688 | 0.1697 |
| Mercury | 33708-07-19 01:12 G | 14032853.46 | 14032853.55 | 14032853.63 | 0.3682 | 0.2252 |
| Mercury | 33748-07-10 19:26 G | 14047455.25 | 14047455.31 | 14047455.38 | 0.3684 | 0.2877 |
| Mercury | 33754-01-24 12:29 G | 14049478.92 | 14049479.02 | 14049479.13 | 0.3683 | 0.0983 |
| Mercury | 33758-01-25 01:26 G | 14050940.43 | 14050940.56 | 14050940.70 | 0.3687 | 0.0794 |
| Mercury | 33759-08-10 05:45 G | 14051502.63 | 14051502.74 | 14051502.84 | 0.3683 | 0.0968 |
| Mercury | 33763-08-11 03:36 G | 14052964.57 | 14052964.65 | 14052964.73 | 0.3688 | 0.2927 |
| Mercury | 33765-02-22 23:02 G | 14053526.40 | 14053526.46 | 14053526.52 | 0.3682 | 0.2962 |
| Mercury | 33805-02-15 17:17 G | 14068128.14 | 14068128.22 | 14068128.31 | 0.3684 | 0.2217 |
| Mercury | 33809-02-15 23:17 G | 14069589.42 | 14069589.47 | 14069589.52 | 0.3687 | 0.3404 |
| Mercury | 33810-09-01 10:19 G | 14070151.82 | 14070151.93 | 14070152.04 | 0.3683 | 0.0316 |
| Mercury | 33814-09-02 01:41 G | 14071613.44 | 14071613.57 | 14071613.71 | 0.3688 | 0.0481 |
| Mercury | 33816-03-17 03:36 G | 14072175.55 | 14072175.65 | 14072175.75 | 0.3683 | 0.1656 |
| Mercury | 33856-03-08 22:19 G | 14086777.39 | 14086777.43 | 14086777.46 | 0.3684 | 0.3431 |
| Mercury | 33861-09-22 15:07 G | 14088801.03 | 14088801.13 | 14088801.23 | 0.3684 | 0.1546 |
| Mercury | 33865-09-22 23:45 G | 14090262.37 | 14090262.49 | 14090262.60 | 0.3687 | 0.2103 |
| Mercury | 33867-04-08 08:09 G | 14090824.73 | 14090824.84 | 14090824.95 | 0.3683 | 0.0384 |
| Mercury | 33871-04-09 02:09 G | 14092286.47 | 14092286.59 | 14092286.71 | 0.3688 | 0.1735 |
| Mercury | 33872-10-22 01:26 G | 14092848.48 | 14092848.56 | 14092848.64 | 0.3682 | 0.2366 |
| Mercury | 33912-10-14 19:55 G | 14107450.26 | 14107450.33 | 14107450.40 | 0.3684 | 0.2774 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 33918-04-30 12:57 G | 14109473.93 | 14109474.04 | 14109474.15 | 0.3683 | 0.0875 |
| Mercury | 33922-05-01 00:00 G | 14110935.37 | 14110935.50 | 14110935.64 | 0.3687 | 0.0798 |
| Mercury | 33923-11-14 06:00 G | 14111497.65 | 14111497.75 | 14111497.86 | 0.3683 | 0.1077 |
| Mercury | 33927-11-15 02:09 G | 14112959.51 | 14112959.59 | 14112959.67 | 0.3688 | 0.2967 |
| Mercury | 33929-05-29 23:31 G | 14113521.42 | 14113521.48 | 14113521.53 | 0.3682 | 0.3086 |
| Mercury | 33969-05-21 17:45 G | 14128123.15 | 14128123.24 | 14128123.33 | 0.3684 | 0.2108 |
| Mercury | 33973-05-21 21:36 G | 14129584.36 | 14129584.40 | 14129584.45 | 0.3687 | 0.3445 |
| Mercury | 33974-12-05 10:48 G | 14130146.84 | 14130146.95 | 14130147.06 | 0.3683 | 0.0194 |
| Mercury | 33978-12-06 00:29 G | 14131608.38 | 14131608.52 | 14131608.66 | 0.3687 | 0.0503 |
| Mercury | 33980-06-20 04:05 G | 14132170.57 | 14132170.67 | 14132170.76 | 0.3683 | 0.1783 |

35TH MILLENNIUM CE

This is a list of transits visible from Venus in the 35th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 34020-06-11 22:48 G | | 14146772.40 | 14146772.45 | 14146772.49 | 0.3684 | 0.3319 | |
| Mercury | 34025-12-26 15:36 G | | 14148796.05 | 14148796.15 | 14148796.25 | 0.3684 | 0.1432 | |
| Mercury | 34029-12-26 22:19 G | | 14150257.31 | 14150257.43 | 14150257.54 | 0.3687 | 0.2097 | |
| Mercury | 34031-07-12 08:38 G | | 14150819.75 | 14150819.86 | 14150819.97 | 0.3683 | 0.0501 | |
| Mercury | 34035-07-13 00:43 G | | 14152281.41 | 14152281.53 | 14152281.65 | 0.3688 | 0.1777 | |
| Mercury | 34037-01-25 01:55 G | | 14152843.50 | 14152843.58 | 14152843.66 | 0.3682 | 0.2495 | |
| Mercury | 34077-01-16 20:24 G | | 14167445.28 | 14167445.35 | 14167445.43 | 0.3684 | 0.2662 | |
| Mercury | 34082-08-02 13:26 G | | 14169468.95 | 14169469.06 | 14169469.17 | 0.3683 | 0.0755 | |
| Mercury | 34086-08-02 22:48 G | | 14170930.31 | 14170930.45 | 14170930.58 | 0.3687 | 0.0774 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 34088-02-16 06:29 G | 14171492.67 | 14171492.77 | 14171492.88 | 0.3683 | 0.1202 |
| Mercury | 34092-02-17 00:57 G | 14172954.47 | 14172954.54 | 14172954.62 | 0.3688 | 0.3038 |
| Mercury | 34093-08-31 23:45 G | 14173516.44 | 14173516.49 | 14173516.55 | 0.3682 | 0.3215 |
| Mercury | 34133-08-24 18:14 G | 14188118.17 | 14188118.26 | 14188118.35 | 0.3684 | 0.1992 |
| Mercury | 34137-08-24 20:24 G | 14189579.30 | 14189579.35 | 14189579.39 | 0.3687 | 0.3456 |
| Mercury | 34139-03-10 11:17 G | 14190141.86 | 14190141.97 | 14190142.08 | 0.3683 | 0.0078 |
| Mercury | 34143-03-10 23:02 G | 14191603.33 | 14191603.46 | 14191603.60 | 0.3687 | 0.0539 |
| Mercury | 34144-09-23 04:19 G | 14192165.59 | 14192165.68 | 14192165.78 | 0.3683 | 0.1912 |
| Mercury | 34184-09-14 23:17 G | 14206767.42 | 14206767.47 | 14206767.52 | 0.3685 | 0.3209 |
| Mercury | 34190-03-31 16:05 G | 14208791.07 | 14208791.17 | 14208791.27 | 0.3684 | 0.1327 |
| Mercury | 34194-03-31 20:53 G | 14210252.25 | 14210252.37 | 14210252.48 | 0.3687 | 0.2109 |
| Mercury | 34195-10-15 09:07 G | 14210814.77 | 14210814.88 | 14210814.99 | 0.3683 | 0.0614 |
| Mercury | 34199-10-15 23:17 G | 14212276.35 | 14212276.47 | 14212276.59 | 0.3688 | 0.1796 |
| Mercury | 34201-05-01 02:24 G | 14212838.52 | 14212838.60 | 14212838.67 | 0.3682 | 0.2611 |
| Mercury | 34241-04-22 20:53 G | 14227440.30 | 14227440.37 | 14227440.45 | 0.3684 | 0.2559 |
| Mercury | 34246-11-06 13:55 G | 14229463.97 | 14229464.08 | 14229464.19 | 0.3684 | 0.0647 |
| Mercury | 34250-11-06 21:07 G | 14230925.25 | 14230925.38 | 14230925.52 | 0.3687 | 0.0791 |
| Mercury | 34252-05-22 06:57 G | 14231487.69 | 14231487.79 | 14231487.89 | 0.3683 | 0.1319 |
| Mercury | 34256-05-22 23:45 G | 14232949.41 | 14232949.49 | 14232949.56 | 0.3688 | 0.3075 |
| Mercury | 34257-12-06 00:14 G | 14233511.46 | 14233511.51 | 14233511.55 | 0.3682 | 0.3328 |
| Mercury | 34297-11-27 18:43 G | 14248113.19 | 14248113.28 | 14248113.37 | 0.3684 | 0.1886 |
| Mercury | 34301-11-28 18:43 G | 14249574.24 | 14249574.28 | 14249574.33 | 0.3686 | 0.3480 |
| Mercury | 34303-06-14 11:45 G | 14250136.88 | 14250136.99 | 14250137.10 | 0.3683 | 0.0060 |
| Mercury | 34307-06-14 21:36 G | 14251598.26 | 14251598.40 | 14251598.54 | 0.3687 | 0.0539 |
| Mercury | 34308-12-28 04:48 G | 14252160.61 | 14252160.70 | 14252160.79 | 0.3683 | 0.2028 |
| Mercury | 34348-12-19 23:45 G | 14266762.43 | 14266762.49 | 14266762.55 | 0.3684 | 0.3100 |
| Mercury | 34354-07-05 16:33 G | 14268786.09 | 14268786.19 | 14268786.29 | 0.3684 | 0.1207 |
| Mercury | 34358-07-05 19:26 G | 14270247.19 | 14270247.31 | 14270247.42 | 0.3687 | 0.2112 |
| Mercury | 34360-01-19 09:36 G | 14270809.79 | 14270809.90 | 14270810.01 | 0.3683 | 0.0745 |
| Mercury | 34364-01-19 22:05 G | 14272271.30 | 14272271.42 | 14272271.54 | 0.3687 | 0.1850 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 34365-08-04 02:38 G | 14272833.54 | 14272833.61 | 14272833.69 | 0.3683 | 0.2745 |
| Mercury | 34405-07-26 21:36 G | 14287435.32 | 14287435.40 | 14287435.48 | 0.3684 | 0.2436 |
| Mercury | 34411-02-09 14:24 G | 14289458.99 | 14289459.10 | 14289459.21 | 0.3684 | 0.0522 |
| Mercury | 34415-02-09 19:55 G | 14290920.19 | 14290920.33 | 14290920.46 | 0.3687 | 0.0766 |
| Mercury | 34416-08-25 07:26 G | 14291482.71 | 14291482.81 | 14291482.91 | 0.3683 | 0.1449 |
| Mercury | 34420-08-25 22:19 G | 14292944.36 | 14292944.43 | 14292944.50 | 0.3688 | 0.3135 |
| Mercury | 34422-03-11 00:43 G | 14293506.49 | 14293506.53 | 14293506.56 | 0.3683 | 0.3458 |
| Mercury | 34456-08-17 02:38 G | 14306084.59 | 14306084.61 | 14306084.62 | 0.3685 | 0.3645 |
| Mercury | 34462-03-02 19:12 G | 14308108.21 | 14308108.30 | 14308108.40 | 0.3684 | 0.1773 |
| Mercury | 34466-03-02 17:17 G | 14309569.18 | 14309569.22 | 14309569.26 | 0.3686 | 0.3493 |
| Mercury | 34467-09-16 12:14 G | 14310131.90 | 14310132.01 | 14310132.12 | 0.3684 | 0.0169 |
| Mercury | 34471-09-16 20:09 G | 14311593.21 | 14311593.34 | 14311593.48 | 0.3687 | 0.0567 |
| Mercury | 34473-04-01 05:17 G | 14312155.63 | 14312155.72 | 14312155.81 | 0.3683 | 0.2144 |
| Mercury | 34513-03-25 00:14 G | 14326757.45 | 14326757.51 | 14326757.57 | 0.3685 | 0.2992 |
| Mercury | 34518-10-08 17:02 G | 14328781.11 | 14328781.21 | 14328781.31 | 0.3684 | 0.1091 |
| Mercury | 34522-10-08 17:45 G | 14330242.13 | 14330242.24 | 14330242.35 | 0.3687 | 0.2136 |
| Mercury | 34524-04-23 10:05 G | 14330804.81 | 14330804.92 | 14330805.02 | 0.3683 | 0.0862 |
| Mercury | 34528-04-23 20:38 G | 14332266.24 | 14332266.36 | 14332266.48 | 0.3687 | 0.1883 |
| Mercury | 34529-11-07 03:07 G | 14332828.56 | 14332828.63 | 14332828.70 | 0.3683 | 0.2860 |
| Mercury | 34569-10-29 22:05 G | 14347430.33 | 14347430.42 | 14347430.50 | 0.3685 | 0.2330 |
| Mercury | 34575-05-15 14:53 G | 14349454.01 | 14349454.12 | 14349454.23 | 0.3684 | 0.0410 |
| Mercury | 34579-05-15 18:14 G | 14350915.12 | 14350915.26 | 14350915.40 | 0.3687 | 0.0770 |
| Mercury | 34580-11-28 07:55 G | 14351477.73 | 14351477.83 | 14351477.93 | 0.3683 | 0.1563 |
| Mercury | 34584-11-28 21:07 G | 14352939.31 | 14352939.38 | 14352939.44 | 0.3687 | 0.3184 |
| Mercury | 34586-06-14 00:57 G | 14353501.52 | 14353501.54 | 14353501.56 | 0.3683 | 0.3589 |
| Mercury | 34620-11-21 03:07 G | 14366079.60 | 14366079.63 | 14366079.65 | 0.3685 | 0.3542 |
| Mercury | 34626-06-06 19:41 G | 14368103.23 | 14368103.32 | 14368103.42 | 0.3684 | 0.1658 |
| Mercury | 34630-06-06 15:36 G | 14369564.12 | 14369564.15 | 14369564.19 | 0.3686 | 0.3537 |
| Mercury | 34631-12-21 12:43 G | 14370126.92 | 14370127.03 | 14370127.14 | 0.3684 | 0.0290 |
| Mercury | 34635-12-21 18:57 G | 14371588.15 | 14371588.29 | 14371588.42 | 0.3687 | 0.0607 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 34637-07-06 05:45 G | 14372150.65 | 14372150.74 | 14372150.82 | 0.3683 | 0.2276 |
| Mercury | 34677-06-28 00:43 G | 14386752.47 | 14386752.53 | 14386752.60 | 0.3685 | 0.2876 |
| Mercury | 34683-01-11 17:31 G | 14388776.13 | 14388776.23 | 14388776.34 | 0.3684 | 0.0971 |
| Mercury | 34687-01-11 16:19 G | 14390237.06 | 14390237.18 | 14390237.29 | 0.3686 | 0.2137 |
| Mercury | 34688-07-27 10:33 G | 14390799.83 | 14390799.94 | 14390800.04 | 0.3683 | 0.0990 |
| Mercury | 34692-07-27 19:12 G | 14392261.19 | 14392261.30 | 14392261.42 | 0.3687 | 0.1935 |
| Mercury | 34694-02-10 03:36 G | 14392823.59 | 14392823.65 | 14392823.71 | 0.3683 | 0.2996 |
| Mercury | 34734-02-02 22:33 G | 14407425.35 | 14407425.44 | 14407425.53 | 0.3685 | 0.2203 |
| Mercury | 34739-08-19 15:21 G | 14409449.03 | 14409449.14 | 14409449.25 | 0.3684 | 0.0282 |
| Mercury | 34743-08-19 16:48 G | 14410910.07 | 14410910.20 | 14410910.34 | 0.3687 | 0.0750 |
| Mercury | 34745-03-04 08:24 G | 14411472.75 | 14411472.85 | 14411472.94 | 0.3683 | 0.1693 |
| Mercury | 34749-03-04 19:41 G | 14412934.26 | 14412934.32 | 14412934.38 | 0.3687 | 0.3248 |
| Mercury | 34785-02-24 03:36 G | 14426074.61 | 14426074.65 | 14426074.69 | 0.3685 | 0.3423 |
| Mercury | 34790-09-09 20:24 G | 14428098.25 | 14428098.35 | 14428098.44 | 0.3684 | 0.1530 |
| Mercury | 34794-09-09 14:09 G | 14429559.05 | 14429559.09 | 14429559.12 | 0.3686 | 0.3565 |
| Mercury | 34796-03-25 13:12 G | 14430121.94 | 14430122.05 | 14430122.15 | 0.3684 | 0.0417 |
| Mercury | 34800-03-25 17:31 G | 14431583.09 | 14431583.23 | 14431583.36 | 0.3687 | 0.0632 |
| Mercury | 34801-10-09 06:14 G | 14432145.68 | 14432145.76 | 14432145.84 | 0.3683 | 0.2406 |
| Mercury | 34841-10-01 01:26 G | 14446747.49 | 14446747.56 | 14446747.62 | 0.3685 | 0.2763 |
| Mercury | 34847-04-16 18:00 G | 14448771.15 | 14448771.25 | 14448771.36 | 0.3684 | 0.0857 |
| Mercury | 34851-04-16 14:38 G | 14450232.00 | 14450232.11 | 14450232.23 | 0.3686 | 0.2147 |
| Mercury | 34852-10-30 11:02 G | 14450794.85 | 14450794.96 | 14450795.06 | 0.3684 | 0.1114 |
| Mercury | 34856-10-30 17:45 G | 14452256.12 | 14452256.24 | 14452256.36 | 0.3687 | 0.1949 |
| Mercury | 34858-05-16 04:05 G | 14452818.61 | 14452818.67 | 14452818.72 | 0.3683 | 0.3122 |
| Mercury | 34898-05-07 23:02 G | 14467420.37 | 14467420.46 | 14467420.55 | 0.3685 | 0.2093 |
| Mercury | 34903-11-22 15:50 G | 14469444.05 | 14469444.16 | 14469444.27 | 0.3684 | 0.0165 |
| Mercury | 34907-11-22 15:21 G | 14470905.00 | 14470905.14 | 14470905.28 | 0.3686 | 0.0754 |
| Mercury | 34909-06-07 08:53 G | 14471467.77 | 14471467.87 | 14471467.96 | 0.3683 | 0.1824 |
| Mercury | 34913-06-07 18:14 G | 14472929.20 | 14472929.26 | 14472929.32 | 0.3687 | 0.3278 |
| Mercury | 34949-05-30 04:05 G | 14486069.63 | 14486069.67 | 14486069.72 | 0.3685 | 0.3310 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 34954-12-13 20:53 G | 14488093.27 | 14488093.37 | 14488093.47 | 0.3684 | 0.1422 |
| Mercury | 34958-12-13 12:29 G | 14489553.99 | 14489554.02 | 14489554.05 | 0.3686 | 0.3585 |
| Mercury | 34960-06-28 13:41 G | 14490116.96 | 14490117.07 | 14490117.17 | 0.3684 | 0.0540 |
| Mercury | 34964-06-28 15:50 G | 14491578.02 | 14491578.16 | 14491578.30 | 0.3687 | 0.0633 |
| Mercury | 34966-01-12 06:43 G | 14492140.70 | 14492140.78 | 14492140.85 | 0.3683 | 0.2539 |

36TH MILLENNIUM CE

This is a list of transits visible from Venus in the 36th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 35006-01-05 01:55 G | 14506742.50 | 14506742.58 | 14506742.65 | 0.3685 | 0.2641 | | |
| Mercury | 35011-07-21 18:29 G | 14508766.17 | 14508766.27 | 14508766.38 | 0.3684 | 0.0737 | | |
| Mercury | 35015-07-21 13:12 G | 14510226.94 | 14510227.05 | 14510227.16 | 0.3686 | 0.2142 | | |
| Mercury | 35017-02-03 11:31 G | 14510789.88 | 14510789.98 | 14510790.08 | 0.3684 | 0.1247 | | |
| Mercury | 35021-02-03 16:19 G | 14512251.07 | 14512251.18 | 14512251.30 | 0.3687 | 0.2001 | | |
| Mercury | 35022-08-20 04:33 G | 14512813.64 | 14512813.69 | 14512813.74 | 0.3683 | 0.3264 | | |
| Mercury | 35062-08-11 23:31 G | 14527415.39 | 14527415.48 | 14527415.57 | 0.3685 | 0.1970 | | |
| Mercury | 35068-02-25 16:19 G | 14529439.07 | 14529439.18 | 14529439.29 | 0.3684 | 0.0053 | | |
| Mercury | 35072-02-25 13:55 G | 14530899.94 | 14530900.08 | 14530900.21 | 0.3686 | 0.0737 | | |
| Mercury | 35073-09-10 09:21 G | 14531462.80 | 14531462.89 | 14531462.98 | 0.3683 | 0.1958 | | |
| Mercury | 35077-09-10 16:48 G | 14532924.14 | 14532924.20 | 14532924.26 | 0.3687 | 0.3339 | | |
| Mercury | 35113-09-03 04:48 G | 14546064.64 | 14546064.70 | 14546064.75 | 0.3685 | 0.3190 | | |
| Mercury | 35119-03-19 21:21 G | 14548088.29 | 14548088.39 | 14548088.49 | 0.3685 | 0.1294 | | |
| Mercury | 35123-03-19 10:48 G | 14549548.93 | 14549548.95 | 14549548.98 | 0.3686 | 0.3600 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 35124-10-02 14:09 G | 14550111.98 | 14550112.09 | 14550112.20 | 0.3684 | 0.0667 |
| Mercury | 35128-10-02 14:24 G | 14551572.96 | 14551573.10 | 14551573.24 | 0.3687 | 0.0653 |
| Mercury | 35130-04-18 06:57 G | 14552135.72 | 14552135.79 | 14552135.87 | 0.3683 | 0.2666 |
| Mercury | 35170-04-10 02:24 G | 14566737.52 | 14566737.60 | 14566737.67 | 0.3685 | 0.2531 |
| Mercury | 35175-10-24 18:57 G | 14568761.19 | 14568761.29 | 14568761.40 | 0.3685 | 0.0620 |
| Mercury | 35179-10-24 11:31 G | 14570221.86 | 14570221.98 | 14570222.09 | 0.3686 | 0.2179 |
| Mercury | 35181-05-09 11:45 G | 14570784.89 | 14570784.99 | 14570785.10 | 0.3684 | 0.1372 |
| Mercury | 35185-05-09 14:53 G | 14572246.00 | 14572246.12 | 14572246.24 | 0.3687 | 0.2023 |
| Mercury | 35186-11-23 04:48 G | 14572808.66 | 14572808.70 | 14572808.74 | 0.3683 | 0.3388 |
| Mercury | 35226-11-15 00:00 G | 14587410.41 | 14587410.50 | 14587410.60 | 0.3685 | 0.1858 |
| Mercury | 35232-05-30 16:48 G | 14589434.09 | 14589434.20 | 14589434.31 | 0.3684 | 0.0107 |
| Mercury | 35236-05-30 12:14 G | 14590894.87 | 14590895.01 | 14590895.15 | 0.3686 | 0.0748 |
| Mercury | 35237-12-14 09:36 G | 14591457.82 | 14591457.90 | 14591457.99 | 0.3684 | 0.2084 |
| Mercury | 35241-12-14 15:21 G | 14592919.09 | 14592919.14 | 14592919.19 | 0.3687 | 0.3396 |
| Mercury | 35277-12-06 05:17 G | 14606059.66 | 14606059.72 | 14606059.77 | 0.3685 | 0.3080 |
| Mercury | 35283-06-21 21:50 G | 14608083.31 | 14608083.41 | 14608083.51 | 0.3685 | 0.1164 |
| Mercury | 35287-06-21 09:07 G | 14609543.86 | 14609543.88 | 14609543.90 | 0.3685 | 0.3645 |
| Mercury | 35289-01-04 14:38 G | 14610107.00 | 14610107.11 | 14610107.21 | 0.3684 | 0.0794 |
| Mercury | 35293-01-04 12:43 G | 14611567.90 | 14611568.03 | 14611568.17 | 0.3686 | 0.0687 |
| Mercury | 35294-07-21 07:26 G | 14612130.74 | 14612130.81 | 14612130.88 | 0.3683 | 0.2804 |
| Mercury | 35334-07-14 02:53 G | 14626732.54 | 14626732.62 | 14626732.70 | 0.3685 | 0.2406 |
| Mercury | 35340-01-27 19:41 G | 14628756.21 | 14628756.32 | 14628756.42 | 0.3684 | 0.0480 |
| Mercury | 35344-01-27 09:50 G | 14630216.80 | 14630216.91 | 14630217.03 | 0.3686 | 0.2177 |
| Mercury | 35345-08-12 12:29 G | 14630779.92 | 14630780.02 | 14630780.12 | 0.3684 | 0.1504 |
| Mercury | 35349-08-12 13:26 G | 14632240.94 | 14632241.06 | 14632241.17 | 0.3687 | 0.2080 |
| Mercury | 35351-02-26 05:17 G | 14632803.70 | 14632803.72 | 14632803.75 | 0.3683 | 0.3533 |
| Mercury | 35385-08-04 08:09 G | 14645381.82 | 14645381.84 | 14645381.85 | 0.3685 | 0.3623 |
| Mercury | 35391-02-18 00:43 G | 14647405.43 | 14647405.53 | 14647405.62 | 0.3685 | 0.1723 |
| Mercury | 35396-09-02 17:17 G | 14649429.12 | 14649429.22 | 14649429.33 | 0.3684 | 0.0265 |
| Mercury | 35400-09-03 10:33 G | 14650889.80 | 14650889.94 | 14650890.08 | 0.3686 | 0.0734 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 35402-03-20 10:05 G | 14651452.84 | 14651452.92 | 14651453.01 | 0.3684 | 0.2221 |
| Mercury | 35406-03-20 13:55 G | 14652914.04 | 14652914.08 | 14652914.13 | 0.3687 | 0.3459 |
| Mercury | 35442-03-12 05:45 G | 14666054.68 | 14666054.74 | 14666054.80 | 0.3686 | 0.2959 |
| Mercury | 35447-09-25 22:19 G | 14668078.33 | 14668078.43 | 14668078.54 | 0.3685 | 0.1040 |
| Mercury | 35451-09-25 07:26 G | 14669538.81 | 14669538.81 | 14669538.81 | 0.3686 | 0.3679 |
| Mercury | 35453-04-10 15:07 G | 14670102.02 | 14670102.13 | 14670102.23 | 0.3684 | 0.0919 |
| Mercury | 35457-04-10 11:17 G | 14671562.83 | 14671562.97 | 14671563.11 | 0.3686 | 0.0699 |
| Mercury | 35458-10-25 07:55 G | 14672125.77 | 14672125.83 | 14672125.90 | 0.3684 | 0.2938 |
| Mercury | 35498-10-17 03:21 G | 14686727.56 | 14686727.64 | 14686727.73 | 0.3685 | 0.2287 |
| Mercury | 35504-05-02 20:09 G | 14688751.23 | 14688751.34 | 14688751.44 | 0.3685 | 0.0369 |
| Mercury | 35508-05-02 08:09 G | 14690211.73 | 14690211.84 | 14690211.96 | 0.3686 | 0.2198 |
| Mercury | 35509-11-16 12:57 G | 14690774.94 | 14690775.04 | 14690775.13 | 0.3684 | 0.1635 |
| Mercury | 35513-11-16 11:45 G | 14692235.88 | 14692235.99 | 14692236.11 | 0.3686 | 0.2099 |
| Mercury | 35515-06-02 05:45 G | 14692798.74 | 14692798.74 | 14692798.75 | 0.3683 | 0.3664 |
| Mercury | 35549-11-08 08:38 G | 14705376.83 | 14705376.86 | 14705376.89 | 0.3686 | 0.3508 |
| Mercury | 35555-05-25 01:12 G | 14707400.45 | 14707400.55 | 14707400.64 | 0.3685 | 0.1603 |
| Mercury | 35560-12-07 17:45 G | 14709424.14 | 14709424.24 | 14709424.35 | 0.3684 | 0.0355 |
| Mercury | 35564-12-07 08:53 G | 14710884.73 | 14710884.87 | 14710885.01 | 0.3686 | 0.0741 |
| Mercury | 35566-06-23 10:33 G | 14711447.86 | 14711447.94 | 14711448.03 | 0.3684 | 0.2357 |
| Mercury | 35570-06-23 12:29 G | 14712908.97 | 14712909.02 | 14712909.06 | 0.3687 | 0.3492 |
| Mercury | 35606-06-15 06:14 G | 14726049.70 | 14726049.76 | 14726049.83 | 0.3685 | 0.2837 |
| Mercury | 35611-12-29 22:48 G | 14728073.35 | 14728073.45 | 14728073.56 | 0.3685 | 0.0924 |
| Mercury | 35617-07-14 15:36 G | 14730097.05 | 14730097.15 | 14730097.25 | 0.3684 | 0.1055 |
| Mercury | 35621-07-14 09:36 G | 14731557.76 | 14731557.90 | 14731558.04 | 0.3686 | 0.0724 |
| Mercury | 35623-01-28 08:24 G | 14732120.80 | 14732120.85 | 14732120.91 | 0.3684 | 0.3082 |
| Mercury | 35663-01-20 04:05 G | 14746722.58 | 14746722.67 | 14746722.75 | 0.3685 | 0.2152 |
| Mercury | 35668-08-04 20:38 G | 14748746.25 | 14748746.36 | 14748746.47 | 0.3685 | 0.0220 |
| Mercury | 35672-08-04 06:43 G | 14750206.66 | 14750206.78 | 14750206.89 | 0.3686 | 0.2203 |
| Mercury | 35674-02-18 13:26 G | 14750769.96 | 14750770.06 | 14750770.15 | 0.3684 | 0.1775 |
| Mercury | 35678-02-18 10:19 G | 14752230.82 | 14752230.93 | 14752231.04 | 0.3686 | 0.2147 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 35714-02-11 09:07 G | 14765371.84 | 14765371.88 | 14765371.92 | 0.3686 | 0.3383 |
| Mercury | 35719-08-28 01:41 G | 14767395.47 | 14767395.57 | 14767395.67 | 0.3685 | 0.1472 |
| Mercury | 35725-03-12 18:29 G | 14769419.16 | 14769419.27 | 14769419.37 | 0.3685 | 0.0505 |
| Mercury | 35729-03-12 07:26 G | 14770879.67 | 14770879.81 | 14770879.95 | 0.3686 | 0.0721 |
| Mercury | 35730-09-26 11:17 G | 14771442.89 | 14771442.97 | 14771443.04 | 0.3684 | 0.2497 |
| Mercury | 35734-09-26 10:48 G | 14772903.92 | 14772903.95 | 14772903.99 | 0.3687 | 0.3548 |
| Mercury | 35770-09-18 06:57 G | 14786044.72 | 14786044.79 | 14786044.86 | 0.3686 | 0.2704 |
| Mercury | 35776-04-02 23:31 G | 14788068.37 | 14788068.48 | 14788068.58 | 0.3685 | 0.0801 |
| Mercury | 35781-10-17 16:05 G | 14790092.07 | 14790092.17 | 14790092.27 | 0.3684 | 0.1195 |
| Mercury | 35785-10-17 07:55 G | 14791552.70 | 14791552.83 | 14791552.97 | 0.3686 | 0.0736 |
| Mercury | 35787-05-03 08:53 G | 14792115.82 | 14792115.87 | 14792115.92 | 0.3684 | 0.3208 |
| Mercury | 35827-04-26 04:33 G | 14806717.60 | 14806717.69 | 14806717.78 | 0.3685 | 0.2037 |
| Mercury | 35832-11-08 21:07 G | 14808741.27 | 14808741.38 | 14808741.49 | 0.3685 | 0.0092 |
| Mercury | 35836-11-08 04:48 G | 14810201.59 | 14810201.70 | 14810201.81 | 0.3685 | 0.2240 |
| Mercury | 35838-05-25 13:55 G | 14810764.99 | 14810765.08 | 14810765.17 | 0.3684 | 0.1903 |
| Mercury | 35842-05-25 08:38 G | 14812225.75 | 14812225.86 | 14812225.98 | 0.3686 | 0.2170 |
| Mercury | 35878-05-17 09:50 G | 14825366.86 | 14825366.91 | 14825366.95 | 0.3686 | 0.3267 |
| Mercury | 35883-12-01 02:09 G | 14827390.49 | 14827390.59 | 14827390.69 | 0.3685 | 0.1355 |
| Mercury | 35889-06-15 18:57 G | 14829414.18 | 14829414.29 | 14829414.39 | 0.3685 | 0.0625 |
| Mercury | 35893-06-15 05:31 G | 14830874.59 | 14830874.73 | 14830874.87 | 0.3686 | 0.0741 |
| Mercury | 35894-12-30 11:31 G | 14831437.91 | 14831437.98 | 14831438.06 | 0.3684 | 0.2629 |
| Mercury | 35898-12-30 09:21 G | 14832898.86 | 14832898.89 | 14832898.92 | 0.3686 | 0.3602 |
| Mercury | 35934-12-23 07:26 G | 14846039.74 | 14846039.81 | 14846039.88 | 0.3686 | 0.2588 |
| Mercury | 35940-07-08 00:00 G | 14848063.39 | 14848063.50 | 14848063.60 | 0.3685 | 0.0658 |
| Mercury | 35946-01-21 16:33 G | 14850087.09 | 14850087.19 | 14850087.29 | 0.3684 | 0.1334 |
| Mercury | 35950-01-21 06:29 G | 14851547.63 | 14851547.77 | 14851547.91 | 0.3686 | 0.0758 |
| Mercury | 35951-08-07 09:21 G | 14852110.85 | 14852110.89 | 14852110.93 | 0.3684 | 0.3353 |
| Mercury | 35991-07-30 05:02 G | 14866712.62 | 14866712.71 | 14866712.80 | 0.3685 | 0.1908 |
| Mercury | 35997-02-11 21:36 G | 14868736.30 | 14868736.40 | 14868736.51 | 0.3685 | 0.0154 |

37TH MILLENNIUM CE

This is a list of transits visible from Venus in the 37th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 36001-02-11 03:07 G | | 14870196.52 | 14870196.63 | 14870196.74 | 0.3685 | 0.2235 | |
| Mercury | 36002-08-28 14:24 G | | 14870760.01 | 14870760.10 | 14870760.19 | 0.3684 | 0.2048 | |
| Mercury | 36006-08-28 07:12 G | | 14872220.69 | 14872220.80 | 14872220.91 | 0.3686 | 0.2222 | |
| Mercury | 36042-08-20 10:19 G | | 14885361.88 | 14885361.93 | 14885361.99 | 0.3686 | 0.3133 | |
| Mercury | 36048-03-05 02:53 G | | 14887385.52 | 14887385.62 | 14887385.72 | 0.3685 | 0.1217 | |
| Mercury | 36053-09-18 19:26 G | | 14889409.20 | 14889409.31 | 14889409.41 | 0.3685 | 0.0760 | |
| Mercury | 36057-09-18 04:05 G | | 14890869.52 | 14890869.67 | 14890869.81 | 0.3686 | 0.0737 | |
| Mercury | 36059-04-04 12:00 G | | 14891432.94 | 14891433.00 | 14891433.07 | 0.3684 | 0.2768 | |
| Mercury | 36063-04-04 07:41 G | | 14892893.81 | 14892893.82 | 14892893.84 | 0.3686 | 0.3659 | |
| Mercury | 36099-03-27 07:55 G | | 14906034.76 | 14906034.83 | 14906034.91 | 0.3686 | 0.2465 | |
| Mercury | 36104-10-11 00:29 G | | 14908058.42 | 14908058.52 | 14908058.63 | 0.3685 | 0.0521 | |
| Mercury | 36110-04-26 17:02 G | | 14910082.11 | 14910082.21 | 14910082.31 | 0.3685 | 0.1462 | |
| Mercury | 36114-04-26 04:48 G | | 14911542.56 | 14911542.70 | 14911542.84 | 0.3686 | 0.0773 | |
| Mercury | 36115-11-10 09:50 G | | 14912105.88 | 14912105.91 | 14912105.94 | 0.3684 | 0.3496 | |
| Mercury | 36155-11-02 05:45 G | | 14926707.64 | 14926707.74 | 14926707.83 | 0.3686 | 0.1780 | |
| Mercury | 36161-05-17 22:05 G | | 14928731.32 | 14928731.42 | 14928731.53 | 0.3685 | 0.0231 | |
| Mercury | 36165-05-17 01:26 G | | 14930191.44 | 14930191.56 | 14930191.67 | 0.3685 | 0.2266 | |
| Mercury | 36166-12-01 14:53 G | | 14930755.03 | 14930755.12 | 14930755.20 | 0.3684 | 0.2179 | |
| Mercury | 36170-12-01 05:31 G | | 14932215.61 | 14932215.73 | 14932215.84 | 0.3686 | 0.2233 | |
| Mercury | 36206-11-24 10:48 G | | 14945356.90 | 14945356.95 | 14945357.01 | 0.3686 | 0.3018 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 36212-06-09 03:21 G | 14947380.54 | 14947380.64 | 14947380.74 | 0.3685 | 0.1087 |
| Mercury | 36217-12-23 19:55 G | 14949404.23 | 14949404.33 | 14949404.43 | 0.3685 | 0.0886 |
| Mercury | 36221-12-23 02:09 G | 14950864.45 | 14950864.59 | 14950864.73 | 0.3685 | 0.0730 |
| Mercury | 36223-07-09 12:43 G | 14951427.96 | 14951428.03 | 14951428.09 | 0.3684 | 0.2912 |
| Mercury | 36263-07-01 08:38 G | 14966029.78 | 14966029.86 | 14966029.94 | 0.3686 | 0.2330 |
| Mercury | 36269-01-14 00:57 G | 14968053.44 | 14968053.54 | 14968053.65 | 0.3685 | 0.0412 |
| Mercury | 36274-07-30 17:45 G | 14970077.14 | 14970077.24 | 14970077.33 | 0.3685 | 0.1611 |
| Mercury | 36278-07-30 03:07 G | 14971537.49 | 14971537.63 | 14971537.77 | 0.3685 | 0.0792 |
| Mercury | 36280-02-13 10:19 G | 14972100.92 | 14972100.93 | 14972100.94 | 0.3684 | 0.3653 |
| Mercury | 36314-07-23 13:55 G | 14984679.05 | 14984679.08 | 14984679.10 | 0.3686 | 0.3559 |
| Mercury | 36320-02-06 06:14 G | 14986702.67 | 14986702.76 | 14986702.86 | 0.3686 | 0.1639 |
| Mercury | 36325-08-21 22:48 G | 14988726.34 | 14988726.45 | 14988726.55 | 0.3685 | 0.0326 |
| Mercury | 36329-08-20 23:31 G | 14990186.37 | 14990186.48 | 14990186.60 | 0.3685 | 0.2270 |
| Mercury | 36331-03-07 15:21 G | 14990750.06 | 14990750.14 | 14990750.22 | 0.3684 | 0.2327 |
| Mercury | 36335-03-07 03:50 G | 14992210.55 | 14992210.66 | 14992210.77 | 0.3686 | 0.2280 |
| Mercury | 36371-02-27 11:31 G | 15005351.92 | 15005351.98 | 15005352.04 | 0.3686 | 0.2880 |
| Mercury | 36376-09-12 03:50 G | 15007375.56 | 15007375.66 | 15007375.77 | 0.3686 | 0.0957 |
| Mercury | 36382-03-28 20:24 G | 15009399.25 | 15009399.35 | 15009399.45 | 0.3685 | 0.1030 |
| Mercury | 36386-03-28 00:29 G | 15010859.38 | 15010859.52 | 15010859.66 | 0.3685 | 0.0719 |
| Mercury | 36387-10-12 13:12 G | 15011422.99 | 15011423.05 | 15011423.11 | 0.3684 | 0.3060 |
| Mercury | 36427-10-04 09:07 G | 15026024.80 | 15026024.88 | 15026024.97 | 0.3686 | 0.2196 |
| Mercury | 36433-04-19 01:41 G | 15028048.46 | 15028048.57 | 15028048.67 | 0.3685 | 0.0292 |
| Mercury | 36438-11-02 18:14 G | 15030072.16 | 15030072.26 | 15030072.35 | 0.3685 | 0.1747 |
| Mercury | 36442-11-02 01:12 G | 15031532.41 | 15031532.55 | 15031532.69 | 0.3685 | 0.0786 |
| Mercury | 36478-10-25 14:24 G | 15044674.07 | 15044674.10 | 15044674.14 | 0.3687 | 0.3433 |
| Mercury | 36484-05-10 06:43 G | 15046697.69 | 15046697.78 | 15046697.88 | 0.3686 | 0.1520 |
| Mercury | 36489-11-23 23:17 G | 15048721.36 | 15048721.47 | 15048721.58 | 0.3685 | 0.0453 |
| Mercury | 36493-11-22 21:36 G | 15050181.29 | 15050181.40 | 15050181.52 | 0.3685 | 0.2315 |
| Mercury | 36495-06-09 15:50 G | 15050745.08 | 15050745.16 | 15050745.24 | 0.3684 | 0.2468 |
| Mercury | 36499-06-09 02:09 G | 15052205.48 | 15052205.59 | 15052205.70 | 0.3686 | 0.2304 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 36535-06-02 12:00 G | 15065346.93 | 15065347.00 | 15065347.07 | 0.3686 | 0.2758 |
| Mercury | 36540-12-16 04:33 G | 15067370.58 | 15067370.69 | 15067370.79 | 0.3686 | 0.0830 |
| Mercury | 36546-07-01 20:53 G | 15069394.27 | 15069394.37 | 15069394.48 | 0.3685 | 0.1181 |
| Mercury | 36550-06-30 22:33 G | 15070854.30 | 15070854.44 | 15070854.58 | 0.3685 | 0.0750 |
| Mercury | 36552-01-15 13:41 G | 15071418.02 | 15071418.07 | 15071418.12 | 0.3684 | 0.3200 |
| Mercury | 36592-01-07 09:36 G | 15086019.82 | 15086019.90 | 15086019.99 | 0.3686 | 0.2078 |
| Mercury | 36597-07-23 02:09 G | 15088043.48 | 15088043.59 | 15088043.70 | 0.3685 | 0.0116 |
| Mercury | 36603-02-06 18:43 G | 15090067.19 | 15090067.28 | 15090067.37 | 0.3685 | 0.1891 |
| Mercury | 36607-02-05 23:31 G | 15091527.34 | 15091527.48 | 15091527.62 | 0.3685 | 0.0816 |
| Mercury | 36643-01-29 15:07 G | 15104669.08 | 15104669.13 | 15104669.17 | 0.3686 | 0.3300 |
| Mercury | 36648-08-14 07:26 G | 15106692.71 | 15106692.81 | 15106692.91 | 0.3686 | 0.1377 |
| Mercury | 36654-02-27 23:45 G | 15108716.39 | 15108716.49 | 15108716.60 | 0.3685 | 0.0616 |
| Mercury | 36658-02-26 19:55 G | 15110176.22 | 15110176.33 | 15110176.44 | 0.3685 | 0.2320 |
| Mercury | 36659-09-13 16:33 G | 15110740.11 | 15110740.19 | 15110740.26 | 0.3685 | 0.2625 |
| Mercury | 36663-09-13 00:29 G | 15112200.41 | 15112200.52 | 15112200.63 | 0.3686 | 0.2349 |
| Mercury | 36699-09-05 12:43 G | 15125341.96 | 15125342.03 | 15125342.10 | 0.3686 | 0.2619 |
| Mercury | 36705-03-22 05:02 G | 15127365.61 | 15127365.71 | 15127365.81 | 0.3686 | 0.0677 |
| Mercury | 36710-10-05 21:36 G | 15129389.30 | 15129389.40 | 15129389.50 | 0.3685 | 0.1318 |
| Mercury | 36714-10-04 20:53 G | 15130849.23 | 15130849.37 | 15130849.51 | 0.3685 | 0.0750 |
| Mercury | 36716-04-20 14:09 G | 15131413.05 | 15131413.09 | 15131413.13 | 0.3685 | 0.3344 |
| Mercury | 36756-04-12 10:19 G | 15146014.84 | 15146014.93 | 15146015.02 | 0.3686 | 0.1938 |
| Mercury | 36761-10-27 02:38 G | 15148038.51 | 15148038.61 | 15148038.72 | 0.3686 | 0.0117 |
| Mercury | 36767-05-12 19:12 G | 15150062.21 | 15150062.30 | 15150062.39 | 0.3685 | 0.2028 |
| Mercury | 36771-05-11 21:50 G | 15151522.27 | 15151522.41 | 15151522.55 | 0.3685 | 0.0828 |
| Mercury | 36807-05-04 15:36 G | 15164664.10 | 15164664.15 | 15164664.20 | 0.3687 | 0.3179 |
| Mercury | 36812-11-17 07:55 G | 15166687.73 | 15166687.83 | 15166687.93 | 0.3686 | 0.1242 |
| Mercury | 36818-06-03 00:14 G | 15168711.41 | 15168711.51 | 15168711.62 | 0.3685 | 0.0749 |
| Mercury | 36822-06-01 18:00 G | 15170171.14 | 15170171.25 | 15170171.36 | 0.3685 | 0.2363 |
| Mercury | 36823-12-17 16:48 G | 15170735.14 | 15170735.20 | 15170735.27 | 0.3685 | 0.2760 |
| Mercury | 36827-12-16 22:33 G | 15172195.33 | 15172195.44 | 15172195.55 | 0.3685 | 0.2361 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 36863-12-09 13:12 G | 15185336.98 | 15185337.05 | 15185337.13 | 0.3686 | 0.2497 |
| Mercury | 36869-06-24 05:31 G | 15187360.63 | 15187360.73 | 15187360.84 | 0.3686 | 0.0554 |
| Mercury | 36875-01-07 22:05 G | 15189384.32 | 15189384.42 | 15189384.52 | 0.3685 | 0.1453 |
| Mercury | 36879-01-06 18:57 G | 15190844.15 | 15190844.29 | 15190844.43 | 0.3685 | 0.0748 |
| Mercury | 36880-07-23 14:38 G | 15191408.08 | 15191408.11 | 15191408.14 | 0.3685 | 0.3496 |
| Mercury | 36920-07-16 10:48 G | 15206009.86 | 15206009.95 | 15206010.05 | 0.3686 | 0.1803 |
| Mercury | 36926-01-30 03:21 G | 15208033.53 | 15208033.64 | 15208033.74 | 0.3685 | 0.0203 |
| Mercury | 36931-08-15 19:41 G | 15210057.24 | 15210057.32 | 15210057.41 | 0.3685 | 0.2183 |
| Mercury | 36935-08-14 20:09 G | 15211517.19 | 15211517.34 | 15211517.48 | 0.3685 | 0.0855 |
| Mercury | 36971-08-07 16:19 G | 15224659.12 | 15224659.18 | 15224659.23 | 0.3687 | 0.3046 |
| Mercury | 36977-02-20 08:38 G | 15226682.76 | 15226682.86 | 15226682.96 | 0.3686 | 0.1102 |
| Mercury | 36982-09-06 00:57 G | 15228706.44 | 15228706.54 | 15228706.64 | 0.3685 | 0.0883 |
| Mercury | 36986-09-04 16:05 G | 15230166.06 | 15230166.17 | 15230166.28 | 0.3685 | 0.2367 |
| Mercury | 36988-03-21 17:31 G | 15230730.16 | 15230730.23 | 15230730.29 | 0.3685 | 0.2912 |
| Mercury | 36992-03-20 20:53 G | 15232190.27 | 15232190.37 | 15232190.48 | 0.3685 | 0.2410 |

38TH MILLENNIUM CE

This is a list of transits visible from Venus in the 38th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 37028-03-14 13:55 G | 15245332.00 | 15245332.08 | 15245332.16 | 0.3687 | 0.2353 | | |
| Mercury | 37033-09-28 06:14 G | 15247355.65 | 15247355.76 | 15247355.86 | 0.3686 | 0.0393 | | |
| Mercury | 37039-04-13 22:33 G | 15249379.35 | 15249379.44 | 15249379.54 | 0.3685 | 0.1602 | | |
| Mercury | 37043-04-12 17:17 G | 15250839.08 | 15250839.22 | 15250839.36 | 0.3685 | 0.0743 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 37044-10-27 15:07 G | 15251403.12 | 15251403.13 | 15251403.14 | 0.3685 | 0.3652 |
| Mercury | 37079-04-05 19:12 G | 15263981.28 | 15263981.30 | 15263981.32 | 0.3687 | 0.3595 |
| Mercury | 37084-10-19 11:31 G | 15266004.89 | 15266004.98 | 15266005.07 | 0.3686 | 0.1658 |
| Mercury | 37090-05-05 03:50 G | 15268028.55 | 15268028.66 | 15268028.76 | 0.3686 | 0.0310 |
| Mercury | 37095-11-18 20:24 G | 15270052.26 | 15270052.35 | 15270052.43 | 0.3685 | 0.2330 |
| Mercury | 37099-11-17 18:00 G | 15271512.11 | 15271512.25 | 15271512.40 | 0.3685 | 0.0839 |
| Mercury | 37135-11-11 16:48 G | 15284654.14 | 15284654.20 | 15284654.27 | 0.3687 | 0.2911 |
| Mercury | 37141-05-27 09:07 G | 15286677.78 | 15286677.88 | 15286677.98 | 0.3686 | 0.0968 |
| Mercury | 37146-12-11 01:26 G | 15288701.46 | 15288701.56 | 15288701.66 | 0.3686 | 0.1024 |
| Mercury | 37150-12-09 14:09 G | 15290160.98 | 15290161.09 | 15290161.20 | 0.3684 | 0.2413 |
| Mercury | 37152-06-25 18:00 G | 15290725.19 | 15290725.25 | 15290725.31 | 0.3685 | 0.3059 |
| Mercury | 37156-06-24 18:57 G | 15292185.19 | 15292185.29 | 15292185.40 | 0.3685 | 0.2417 |
| Mercury | 37192-06-17 14:24 G | 15305327.02 | 15305327.10 | 15305327.19 | 0.3687 | 0.2221 |
| Mercury | 37198-01-01 06:43 G | 15307350.67 | 15307350.78 | 15307350.89 | 0.3686 | 0.0262 |
| Mercury | 37203-07-17 23:17 G | 15309374.37 | 15309374.47 | 15309374.56 | 0.3685 | 0.1758 |
| Mercury | 37207-07-16 15:21 G | 15310833.99 | 15310834.14 | 15310834.28 | 0.3684 | 0.0782 |
| Mercury | 37243-07-09 19:55 G | 15323976.30 | 15323976.33 | 15323976.36 | 0.3687 | 0.3459 |
| Mercury | 37249-01-22 12:00 G | 15325999.91 | 15326000.00 | 15326000.10 | 0.3686 | 0.1528 |
| Mercury | 37254-08-08 04:19 G | 15328023.58 | 15328023.68 | 15328023.79 | 0.3686 | 0.0466 |
| Mercury | 37260-02-21 20:53 G | 15330047.29 | 15330047.37 | 15330047.45 | 0.3685 | 0.2483 |
| Mercury | 37264-02-20 16:19 G | 15331507.04 | 15331507.18 | 15331507.32 | 0.3685 | 0.0858 |
| Mercury | 37300-02-13 17:31 G | 15344649.16 | 15344649.23 | 15344649.30 | 0.3687 | 0.2767 |
| Mercury | 37305-08-30 09:36 G | 15346672.80 | 15346672.90 | 15346673.01 | 0.3686 | 0.0834 |
| Mercury | 37311-03-16 02:09 G | 15348696.49 | 15348696.59 | 15348696.69 | 0.3686 | 0.1185 |
| Mercury | 37315-03-14 12:14 G | 15350155.90 | 15350156.01 | 15350156.12 | 0.3684 | 0.2426 |
| Mercury | 37316-09-28 18:29 G | 15350720.22 | 15350720.27 | 15350720.32 | 0.3685 | 0.3219 |
| Mercury | 37320-09-27 17:17 G | 15352180.11 | 15352180.22 | 15352180.33 | 0.3685 | 0.2449 |
| Mercury | 37356-09-20 15:07 G | 15365322.04 | 15365322.13 | 15365322.22 | 0.3687 | 0.2076 |
| Mercury | 37362-04-06 07:26 G | 15367345.70 | 15367345.81 | 15367345.91 | 0.3686 | 0.0192 |
| Mercury | 37367-10-20 23:45 G | 15369369.40 | 15369369.49 | 15369369.58 | 0.3685 | 0.1903 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 37371-10-19 13:12 G | 15370828.91 | 15370829.05 | 15370829.20 | 0.3685 | 0.0793 |
| Mercury | 37407-10-13 20:38 G | 15383971.31 | 15383971.36 | 15383971.40 | 0.3687 | 0.3322 |
| Mercury | 37413-04-28 12:43 G | 15385994.93 | 15385995.03 | 15385995.12 | 0.3687 | 0.1390 |
| Mercury | 37418-11-12 05:02 G | 15388018.60 | 15388018.71 | 15388018.81 | 0.3686 | 0.0608 |
| Mercury | 37424-05-27 21:21 G | 15390042.32 | 15390042.39 | 15390042.46 | 0.3685 | 0.2623 |
| Mercury | 37428-05-26 14:24 G | 15391501.96 | 15391502.10 | 15391502.24 | 0.3685 | 0.0854 |
| Mercury | 37464-05-19 18:00 G | 15404644.18 | 15404644.25 | 15404644.32 | 0.3687 | 0.2642 |
| Mercury | 37469-12-03 10:19 G | 15406667.82 | 15406667.93 | 15406668.03 | 0.3686 | 0.0689 |
| Mercury | 37475-06-19 02:38 G | 15408691.51 | 15408691.61 | 15408691.71 | 0.3686 | 0.1320 |
| Mercury | 37479-06-17 10:05 G | 15410150.82 | 15410150.92 | 15410151.03 | 0.3684 | 0.2479 |
| Mercury | 37481-01-01 18:57 G | 15410715.25 | 15410715.29 | 15410715.33 | 0.3685 | 0.3360 |
| Mercury | 37484-12-31 15:21 G | 15412175.04 | 15412175.14 | 15412175.25 | 0.3685 | 0.2469 |
| Mercury | 37520-12-25 15:36 G | 15425317.06 | 15425317.15 | 15425317.24 | 0.3687 | 0.1948 |
| Mercury | 37526-07-11 07:55 G | 15427340.72 | 15427340.83 | 15427340.94 | 0.3686 | 0.0035 |
| Mercury | 37532-01-25 00:14 G | 15429364.42 | 15429364.51 | 15429364.60 | 0.3685 | 0.2048 |
| Mercury | 37536-01-23 11:31 G | 15430823.83 | 15430823.98 | 15430824.12 | 0.3684 | 0.0798 |
| Mercury | 37572-01-16 21:07 G | 15443966.33 | 15443966.38 | 15443966.43 | 0.3687 | 0.3190 |
| Mercury | 37577-08-01 13:12 G | 15445989.95 | 15445990.05 | 15445990.15 | 0.3687 | 0.1245 |
| Mercury | 37583-02-15 05:31 G | 15448013.63 | 15448013.73 | 15448013.84 | 0.3686 | 0.0755 |
| Mercury | 37588-08-30 21:50 G | 15450037.35 | 15450037.41 | 15450037.48 | 0.3685 | 0.2781 |
| Mercury | 37592-08-29 12:29 G | 15451496.88 | 15451497.02 | 15451497.16 | 0.3685 | 0.0874 |
| Mercury | 37628-08-22 18:43 G | 15464639.20 | 15464639.28 | 15464639.35 | 0.3687 | 0.2498 |
| Mercury | 37634-03-08 10:48 G | 15466662.85 | 15466662.95 | 15466663.06 | 0.3686 | 0.0551 |
| Mercury | 37639-09-22 03:07 G | 15468686.54 | 15468686.63 | 15468686.73 | 0.3686 | 0.1483 |
| Mercury | 37643-09-20 08:09 G | 15470145.74 | 15470145.84 | 15470145.95 | 0.3684 | 0.2494 |
| Mercury | 37645-04-06 19:41 G | 15470710.29 | 15470710.32 | 15470710.35 | 0.3685 | 0.3522 |
| Mercury | 37649-04-05 13:41 G | 15472169.96 | 15472170.07 | 15472170.17 | 0.3685 | 0.2515 |
| Mercury | 37685-03-29 16:19 G | 15485312.09 | 15485312.18 | 15485312.27 | 0.3687 | 0.1801 |
| Mercury | 37690-10-13 08:38 G | 15487335.75 | 15487335.86 | 15487335.96 | 0.3686 | 0.0238 |
| Mercury | 37696-04-28 00:43 G | 15489359.45 | 15489359.53 | 15489359.62 | 0.3686 | 0.2201 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 37700-04-27 09:21 G | 15490818.75 | 15490818.89 | 15490819.04 | 0.3684 | 0.0807 |
| Mercury | 37736-04-20 21:50 G | 15503961.35 | 15503961.41 | 15503961.46 | 0.3687 | 0.3059 |
| Mercury | 37741-11-04 13:55 G | 15505984.98 | 15505985.08 | 15505985.18 | 0.3687 | 0.1098 |
| Mercury | 37747-05-21 06:00 G | 15508008.65 | 15508008.75 | 15508008.86 | 0.3686 | 0.0902 |
| Mercury | 37752-12-03 22:33 G | 15510032.37 | 15510032.44 | 15510032.50 | 0.3686 | 0.2934 |
| Mercury | 37756-12-02 10:33 G | 15511491.80 | 15511491.94 | 15511492.08 | 0.3684 | 0.0858 |
| Mercury | 37792-11-25 19:12 G | 15524634.22 | 15524634.30 | 15524634.38 | 0.3687 | 0.2365 |
| Mercury | 37798-06-11 11:31 G | 15526657.87 | 15526657.98 | 15526658.08 | 0.3686 | 0.0399 |
| Mercury | 37803-12-27 03:50 G | 15528681.56 | 15528681.66 | 15528681.75 | 0.3686 | 0.1625 |
| Mercury | 37807-12-25 06:14 G | 15530140.65 | 15530140.76 | 15530140.86 | 0.3684 | 0.2551 |
| Mercury | 37809-07-11 20:09 G | 15530705.34 | 15530705.34 | 15530705.34 | 0.3685 | 0.3678 |
| Mercury | 37813-07-10 11:31 G | 15532164.88 | 15532164.98 | 15532165.09 | 0.3685 | 0.2512 |
| Mercury | 37843-12-19 00:43 G | 15543283.51 | 15543283.53 | 15543283.55 | 0.3688 | 0.3607 |
| Mercury | 37849-07-03 16:48 G | 15545307.11 | 15545307.20 | 15545307.30 | 0.3687 | 0.1664 |
| Mercury | 37855-01-17 09:07 G | 15547330.77 | 15547330.88 | 15547330.98 | 0.3686 | 0.0329 |
| Mercury | 37860-08-02 01:26 G | 15549354.48 | 15549354.56 | 15549354.64 | 0.3686 | 0.2354 |
| Mercury | 37864-07-31 07:26 G | 15550813.66 | 15550813.81 | 15550813.95 | 0.3684 | 0.0832 |
| Mercury | 37900-07-25 22:19 G | 15563956.37 | 15563956.43 | 15563956.49 | 0.3687 | 0.2912 |
| Mercury | 37906-02-08 14:24 G | 15565980.00 | 15565980.10 | 15565980.21 | 0.3687 | 0.0961 |
| Mercury | 37911-08-25 06:43 G | 15568003.68 | 15568003.78 | 15568003.88 | 0.3686 | 0.1048 |
| Mercury | 37917-03-09 23:02 G | 15570027.41 | 15570027.46 | 15570027.52 | 0.3686 | 0.3100 |
| Mercury | 37921-03-08 08:38 G | 15571486.72 | 15571486.86 | 15571487.00 | 0.3684 | 0.0877 |
| Mercury | 37957-03-01 19:55 G | 15584629.25 | 15584629.33 | 15584629.41 | 0.3687 | 0.2211 |
| Mercury | 37962-09-15 12:00 G | 15586652.90 | 15586653.00 | 15586653.11 | 0.3686 | 0.0270 |
| Mercury | 37968-03-31 04:19 G | 15588676.59 | 15588676.68 | 15588676.77 | 0.3686 | 0.1777 |
| Mercury | 37972-03-29 04:05 G | 15590135.57 | 15590135.67 | 15590135.78 | 0.3684 | 0.2570 |
| Mercury | 37977-10-13 09:36 G | 15592159.80 | 15592159.90 | 15592160.01 | 0.3685 | 0.2542 |

39TH MILLENNIUM CE

This is a list of transits visible from Venus in the 39th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 38008-03-23 01:26 | G | 15603278.53 | 15603278.56 | 15603278.59 | 0.3688 | 0.3462 | |
| Mercury | 38013-10-06 17:31 | G | 15605302.14 | 15605302.23 | 15605302.33 | 0.3687 | 0.1508 | |
| Mercury | 38019-04-22 09:36 | G | 15607325.80 | 15607325.90 | 15607326.01 | 0.3686 | 0.0489 | |
| Mercury | 38024-11-05 01:55 | G | 15609349.51 | 15609349.58 | 15609349.66 | 0.3686 | 0.2517 | |
| Mercury | 38028-11-03 05:17 | G | 15610808.58 | 15610808.72 | 15610808.87 | 0.3684 | 0.0854 | |
| Mercury | 38064-10-27 23:02 | G | 15623951.39 | 15623951.46 | 15623951.53 | 0.3687 | 0.2767 | |
| Mercury | 38070-05-13 15:07 | G | 15625975.03 | 15625975.13 | 15625975.23 | 0.3687 | 0.0813 | |
| Mercury | 38075-11-27 07:12 | G | 15627998.70 | 15627998.80 | 15627998.90 | 0.3686 | 0.1203 | |
| Mercury | 38081-06-11 23:31 | G | 15630022.43 | 15630022.48 | 15630022.53 | 0.3686 | 0.3245 | |
| Mercury | 38085-06-10 06:29 | G | 15631481.63 | 15631481.77 | 15631481.92 | 0.3684 | 0.0866 | |
| Mercury | 38121-06-04 20:38 | G | 15644624.27 | 15644624.36 | 15644624.44 | 0.3687 | 0.2085 | |
| Mercury | 38126-12-19 12:43 | G | 15646647.92 | 15646648.03 | 15646648.13 | 0.3687 | 0.0127 | |
| Mercury | 38132-07-04 04:48 | G | 15648671.62 | 15648671.70 | 15648671.79 | 0.3686 | 0.1936 | |
| Mercury | 38136-07-02 01:55 | G | 15650130.48 | 15650130.58 | 15650130.69 | 0.3684 | 0.2627 | |
| Mercury | 38142-01-16 07:41 | G | 15652154.72 | 15652154.82 | 15652154.93 | 0.3684 | 0.2558 | |
| Mercury | 38172-06-26 02:09 | G | 15663273.54 | 15663273.59 | 15663273.63 | 0.3688 | 0.3327 | |
| Mercury | 38178-01-09 18:00 | G | 15665297.16 | 15665297.25 | 15665297.35 | 0.3687 | 0.1380 | |
| Mercury | 38183-07-26 10:19 | G | 15667320.82 | 15667320.93 | 15667321.03 | 0.3686 | 0.0632 | |
| Mercury | 38189-02-08 02:38 | G | 15669344.53 | 15669344.61 | 15669344.68 | 0.3686 | 0.2671 | |
| Mercury | 38193-02-06 03:21 | G | 15670803.50 | 15670803.64 | 15670803.78 | 0.3684 | 0.0862 | |
| Mercury | 38229-01-31 23:31 | G | 15683946.41 | 15683946.48 | 15683946.56 | 0.3687 | 0.2635 | |
| Mercury | 38234-08-17 15:36 | G | 15685970.05 | 15685970.15 | 15685970.26 | 0.3687 | 0.0672 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 38240-03-02 07:55 G | 15687993.73 | 15687993.83 | 15687993.93 | 0.3686 | 0.1359 |
| Mercury | 38245-09-16 00:14 G | 15690017.47 | 15690017.51 | 15690017.55 | 0.3686 | 0.3410 |
| Mercury | 38249-09-14 04:33 G | 15691476.55 | 15691476.69 | 15691476.84 | 0.3684 | 0.0882 |
| Mercury | 38285-09-07 21:07 G | 15704619.29 | 15704619.38 | 15704619.47 | 0.3687 | 0.1929 |
| Mercury | 38291-03-24 13:12 G | 15706642.95 | 15706643.05 | 15706643.16 | 0.3687 | 0.0166 |
| Mercury | 38296-10-07 05:31 G | 15708666.64 | 15708666.73 | 15708666.82 | 0.3686 | 0.2094 |
| Mercury | 38300-10-06 00:00 G | 15710125.40 | 15710125.50 | 15710125.60 | 0.3684 | 0.2653 |
| Mercury | 38306-04-22 05:45 G | 15712149.64 | 15712149.74 | 15712149.85 | 0.3684 | 0.2583 |
| Mercury | 38336-09-30 02:38 G | 15723268.56 | 15723268.61 | 15723268.66 | 0.3688 | 0.3182 |
| Mercury | 38342-04-15 18:43 G | 15725292.18 | 15725292.28 | 15725292.38 | 0.3687 | 0.1221 |
| Mercury | 38347-10-30 10:48 G | 15727315.85 | 15727315.95 | 15727316.06 | 0.3687 | 0.0799 |
| Mercury | 38353-05-15 03:07 G | 15729339.56 | 15729339.63 | 15729339.70 | 0.3686 | 0.2821 |
| Mercury | 38357-05-13 01:12 G | 15730798.41 | 15730798.55 | 15730798.70 | 0.3684 | 0.0886 |
| Mercury | 38393-05-07 00:14 G | 15743941.43 | 15743941.51 | 15743941.59 | 0.3688 | 0.2490 |
| Mercury | 38398-11-20 16:19 G | 15745965.08 | 15745965.18 | 15745965.28 | 0.3687 | 0.0507 |
| Mercury | 38404-06-05 08:24 G | 15747988.76 | 15747988.85 | 15747988.95 | 0.3686 | 0.1508 |
| Mercury | 38409-12-20 00:43 G | 15750012.51 | 15750012.53 | 15750012.55 | 0.3686 | 0.3565 |
| Mercury | 38413-12-18 02:24 G | 15751471.46 | 15751471.60 | 15751471.75 | 0.3684 | 0.0851 |
| Mercury | 38449-12-11 21:50 G | 15764614.32 | 15764614.41 | 15764614.50 | 0.3687 | 0.1784 |
| Mercury | 38455-06-27 13:55 G | 15766637.97 | 15766638.08 | 15766638.18 | 0.3687 | 0.0217 |
| Mercury | 38461-01-10 06:00 G | 15768661.67 | 15768661.75 | 15768661.84 | 0.3686 | 0.2242 |
| Mercury | 38465-01-07 21:50 G | 15770120.31 | 15770120.41 | 15770120.50 | 0.3683 | 0.2714 |
| Mercury | 38470-07-25 03:36 G | 15772144.55 | 15772144.65 | 15772144.76 | 0.3684 | 0.2575 |
| Mercury | 38501-01-03 03:22 G | 15783263.58 | 15783263.64 | 15783263.70 | 0.3688 | 0.3047 |
| Mercury | 38506-07-19 19:26 G | 15785287.21 | 15785287.31 | 15785287.41 | 0.3687 | 0.1073 |
| Mercury | 38512-02-02 11:31 G | 15787310.88 | 15787310.98 | 15787311.08 | 0.3686 | 0.0936 |
| Mercury | 38517-08-18 03:36 G | 15789334.59 | 15789334.65 | 15789334.71 | 0.3686 | 0.2988 |
| Mercury | 38521-08-15 23:02 G | 15790793.32 | 15790793.46 | 15790793.61 | 0.3683 | 0.0919 |
| Mercury | 38557-08-10 00:58 G | 15803936.46 | 15803936.54 | 15803936.62 | 0.3688 | 0.2339 |
| Mercury | 38563-02-23 17:02 G | 15805960.10 | 15805960.21 | 15805960.31 | 0.3687 | 0.0371 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 38568-09-08 09:07 G | 15807983.78 | 15807983.88 | 15807983.97 | 0.3686 | 0.1669 |
| Mercury | 38578-03-23 00:29 G | 15811466.38 | 15811466.52 | 15811466.66 | 0.3684 | 0.0856 |
| Mercury | 38608-09-01 06:29 G | 15822585.75 | 15822585.77 | 15822585.79 | 0.3688 | 0.3594 |
| Mercury | 38614-03-17 22:34 G | 15824609.34 | 15824609.44 | 15824609.53 | 0.3687 | 0.1631 |
| Mercury | 38619-10-01 14:38 G | 15826633.00 | 15826633.11 | 15826633.21 | 0.3687 | 0.0401 |
| Mercury | 38625-04-16 06:43 G | 15828656.70 | 15828656.78 | 15828656.86 | 0.3686 | 0.2405 |
| Mercury | 38629-04-13 19:41 G | 15830115.22 | 15830115.32 | 15830115.42 | 0.3683 | 0.2740 |
| Mercury | 38634-10-29 01:41 G | 15832139.47 | 15832139.57 | 15832139.67 | 0.3684 | 0.2598 |
| Mercury | 38665-04-08 04:05 G | 15843258.61 | 15843258.67 | 15843258.73 | 0.3688 | 0.2894 |
| Mercury | 38670-10-22 19:55 G | 15845282.23 | 15845282.33 | 15845282.44 | 0.3687 | 0.0929 |
| Mercury | 38676-05-07 12:00 G | 15847305.90 | 15847306.00 | 15847306.10 | 0.3687 | 0.1098 |
| Mercury | 38681-11-21 04:19 G | 15849329.63 | 15849329.68 | 15849329.73 | 0.3686 | 0.3150 |
| Mercury | 38685-11-18 20:53 G | 15850788.23 | 15850788.37 | 15850788.52 | 0.3683 | 0.0960 |
| Mercury | 38721-11-14 01:41 G | 15863931.48 | 15863931.57 | 15863931.65 | 0.3688 | 0.2195 |
| Mercury | 38727-05-30 17:31 G | 15865955.13 | 15865955.23 | 15865955.33 | 0.3687 | 0.0210 |
| Mercury | 38732-12-13 09:36 G | 15867978.81 | 15867978.90 | 15867978.99 | 0.3687 | 0.1825 |
| Mercury | 38742-06-26 22:19 G | 15871461.28 | 15871461.43 | 15871461.57 | 0.3684 | 0.0833 |
| Mercury | 38772-12-05 07:12 G | 15882580.76 | 15882580.80 | 15882580.83 | 0.3688 | 0.3453 |
| Mercury | 38778-06-20 23:02 G | 15884604.37 | 15884604.46 | 15884604.56 | 0.3687 | 0.1488 |
| Mercury | 38784-01-04 15:07 G | 15886628.03 | 15886628.13 | 15886628.23 | 0.3687 | 0.0518 |
| Mercury | 38789-07-20 07:12 G | 15888651.73 | 15888651.80 | 15888651.88 | 0.3686 | 0.2568 |
| Mercury | 38793-07-17 17:17 G | 15890110.13 | 15890110.22 | 15890110.32 | 0.3683 | 0.2817 |
| Mercury | 38799-01-31 23:31 G | 15892134.38 | 15892134.48 | 15892134.59 | 0.3684 | 0.2616 |
| Mercury | 38829-07-12 04:34 G | 15903253.63 | 15903253.69 | 15903253.76 | 0.3688 | 0.2752 |
| Mercury | 38835-01-25 20:38 G | 15905277.26 | 15905277.36 | 15905277.46 | 0.3687 | 0.0774 |
| Mercury | 38840-08-10 12:43 G | 15907300.93 | 15907301.03 | 15907301.13 | 0.3687 | 0.1253 |
| Mercury | 38846-02-24 04:48 G | 15909324.66 | 15909324.70 | 15909324.75 | 0.3686 | 0.3313 |
| Mercury | 38850-02-21 18:43 G | 15910783.14 | 15910783.28 | 15910783.43 | 0.3683 | 0.0981 |
| Mercury | 38886-02-16 02:10 G | 15923926.51 | 15923926.59 | 15923926.68 | 0.3688 | 0.2043 |
| Mercury | 38891-09-01 18:14 G | 15925950.15 | 15925950.26 | 15925950.36 | 0.3687 | 0.0090 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 38897-03-17 10:19 G | 15927973.84 | 15927973.93 | 15927974.02 | 0.3687 | 0.1993 |
| Mercury | 38906-09-29 20:10 G | 15931456.20 | 15931456.34 | 15931456.49 | 0.3684 | 0.0855 |
| Mercury | 38937-03-10 07:55 G | 15942575.78 | 15942575.83 | 15942575.87 | 0.3688 | 0.3298 |
| Mercury | 38942-09-23 23:46 G | 15944599.39 | 15944599.49 | 15944599.59 | 0.3687 | 0.1329 |
| Mercury | 38948-04-08 15:50 G | 15946623.05 | 15946623.16 | 15946623.26 | 0.3687 | 0.0692 |
| Mercury | 38953-10-23 07:55 G | 15948646.76 | 15948646.83 | 15948646.90 | 0.3686 | 0.2734 |
| Mercury | 38957-10-20 15:07 G | 15950105.04 | 15950105.13 | 15950105.22 | 0.3683 | 0.2864 |
| Mercury | 38963-05-06 21:36 G | 15952129.30 | 15952129.40 | 15952129.50 | 0.3684 | 0.2630 |
| Mercury | 38993-10-15 05:17 G | 15963248.65 | 15963248.72 | 15963248.80 | 0.3688 | 0.2597 |
| Mercury | 38999-04-30 21:22 G | 15965272.28 | 15965272.39 | 15965272.49 | 0.3688 | 0.0634 |

40TH MILLENNIUM CE

This is a list of transits visible from Venus in the 40th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 39004-11-14 13:26 G | | 15967295.96 | 15967296.06 | 15967296.15 | 0.3687 | 0.1423 | |
| Mercury | 39010-05-31 05:31 G | | 15969319.69 | 15969319.73 | 15969319.76 | 0.3686 | 0.3470 | |
| Mercury | 39014-05-28 16:34 G | | 15970778.05 | 15970778.19 | 15970778.34 | 0.3683 | 0.1010 | |
| Mercury | 39050-05-23 02:53 G | | 15983921.53 | 15983921.62 | 15983921.71 | 0.3688 | 0.1899 | |
| Mercury | 39055-12-06 18:43 G | | 15985945.18 | 15985945.28 | 15985945.39 | 0.3687 | 0.0172 | |
| Mercury | 39061-06-21 10:48 G | | 15987968.87 | 15987968.95 | 15987969.04 | 0.3687 | 0.2143 | |
| Mercury | 39071-01-02 18:00 G | | 15991451.10 | 15991451.25 | 15991451.39 | 0.3683 | 0.0807 | |
| Mercury | 39101-06-14 08:24 G | | 16002570.80 | 16002570.85 | 16002570.90 | 0.3688 | 0.3162 | |
| Mercury | 39106-12-29 00:14 G | | 16004594.42 | 16004594.51 | 16004594.61 | 0.3688 | 0.1192 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 39112-07-13 16:19 G | 16006618.08 | 16006618.18 | 16006618.28 | 0.3687 | 0.0839 |
| Mercury | 39118-01-27 08:24 G | 16008641.79 | 16008641.85 | 16008641.92 | 0.3686 | 0.2885 |
| Mercury | 39122-01-24 12:43 G | 16010099.94 | 16010100.03 | 16010100.12 | 0.3683 | 0.2924 |
| Mercury | 39127-08-10 19:26 G | 16012124.20 | 16012124.31 | 16012124.41 | 0.3684 | 0.2617 |
| Mercury | 39158-01-19 06:00 G | 16023243.67 | 16023243.75 | 16023243.82 | 0.3688 | 0.2457 |
| Mercury | 39163-08-04 21:50 G | 16025267.31 | 16025267.41 | 16025267.52 | 0.3687 | 0.0470 |
| Mercury | 39169-02-17 13:55 G | 16027290.99 | 16027291.08 | 16027291.18 | 0.3687 | 0.1573 |
| Mercury | 39174-09-03 06:00 G | 16029314.74 | 16029314.75 | 16029314.76 | 0.3686 | 0.3642 |
| Mercury | 39178-08-31 14:24 G | 16030772.96 | 16030773.10 | 16030773.24 | 0.3683 | 0.1038 |
| Mercury | 39214-08-26 03:36 G | 16043916.55 | 16043916.65 | 16043916.74 | 0.3688 | 0.1749 |
| Mercury | 39220-03-10 19:26 G | 16045940.21 | 16045940.31 | 16045940.42 | 0.3687 | 0.0275 |
| Mercury | 39225-09-24 11:31 G | 16047963.90 | 16047963.98 | 16047964.06 | 0.3687 | 0.2311 |
| Mercury | 39235-04-07 15:50 G | 16051446.02 | 16051446.16 | 16051446.31 | 0.3683 | 0.0811 |
| Mercury | 39265-09-16 09:07 G | 16062565.82 | 16062565.88 | 16062565.94 | 0.3688 | 0.3008 |
| Mercury | 39271-04-02 00:58 G | 16064589.44 | 16064589.54 | 16064589.64 | 0.3688 | 0.1026 |
| Mercury | 39276-10-15 17:02 G | 16066613.11 | 16066613.21 | 16066613.31 | 0.3687 | 0.1004 |
| Mercury | 39282-05-01 09:07 G | 16068636.82 | 16068636.88 | 16068636.93 | 0.3687 | 0.3057 |
| Mercury | 39286-04-28 10:34 G | 16070094.86 | 16070094.94 | 16070095.03 | 0.3683 | 0.2958 |
| Mercury | 39291-11-12 17:17 G | 16072119.11 | 16072119.22 | 16072119.32 | 0.3684 | 0.2620 |
| Mercury | 39322-04-24 06:43 G | 16083238.70 | 16083238.78 | 16083238.86 | 0.3688 | 0.2304 |
| Mercury | 39327-11-07 22:34 G | 16085262.34 | 16085262.44 | 16085262.54 | 0.3688 | 0.0295 |
| Mercury | 39333-05-23 14:38 G | 16087286.01 | 16087286.11 | 16087286.20 | 0.3687 | 0.1737 |
| Mercury | 39342-12-04 12:00 G | 16090767.86 | 16090768.00 | 16090768.14 | 0.3683 | 0.1102 |
| Mercury | 39373-05-15 12:14 G | 16101887.99 | 16101888.01 | 16101888.04 | 0.3689 | 0.3568 |
| Mercury | 39378-11-29 04:05 G | 16103911.58 | 16103911.67 | 16103911.77 | 0.3688 | 0.1591 |
| Mercury | 39384-06-13 20:10 G | 16105935.23 | 16105935.34 | 16105935.44 | 0.3687 | 0.0446 |
| Mercury | 39389-12-28 12:00 G | 16107958.93 | 16107959.00 | 16107959.08 | 0.3687 | 0.2475 |
| Mercury | 39399-07-11 13:26 G | 16111440.92 | 16111441.06 | 16111441.21 | 0.3683 | 0.0782 |
| Mercury | 39429-12-21 09:50 G | 16122560.84 | 16122560.91 | 16122560.97 | 0.3688 | 0.2862 |
| Mercury | 39435-07-07 01:41 G | 16124584.47 | 16124584.57 | 16124584.67 | 0.3688 | 0.0870 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 39441-01-19 17:31 G | 16126608.13 | 16126608.23 | 16126608.33 | 0.3687 | 0.1159 |
| Mercury | 39446-08-05 09:36 G | 16128631.86 | 16128631.90 | 16128631.95 | 0.3687 | 0.3228 |
| Mercury | 39450-08-02 08:10 G | 16130089.76 | 16130089.84 | 16130089.92 | 0.3683 | 0.3047 |
| Mercury | 39456-02-16 15:07 G | 16132114.02 | 16132114.13 | 16132114.23 | 0.3683 | 0.2624 |
| Mercury | 39486-07-28 07:12 G | 16143233.72 | 16143233.80 | 16143233.89 | 0.3688 | 0.2153 |
| Mercury | 39492-02-10 23:17 G | 16145257.36 | 16145257.47 | 16145257.57 | 0.3687 | 0.0200 |
| Mercury | 39497-08-26 15:07 G | 16147281.04 | 16147281.13 | 16147281.22 | 0.3687 | 0.1898 |
| Mercury | 39507-03-10 09:50 G | 16150762.77 | 16150762.91 | 16150763.05 | 0.3683 | 0.1126 |
| Mercury | 39537-08-19 12:58 G | 16161883.01 | 16161883.04 | 16161883.08 | 0.3689 | 0.3414 |
| Mercury | 39543-03-05 04:48 G | 16163906.61 | 16163906.70 | 16163906.80 | 0.3688 | 0.1429 |
| Mercury | 39548-09-17 20:38 G | 16165930.26 | 16165930.36 | 16165930.47 | 0.3687 | 0.0597 |
| Mercury | 39554-04-03 12:43 G | 16167953.96 | 16167954.03 | 16167954.10 | 0.3687 | 0.2650 |
| Mercury | 39563-10-15 11:17 G | 16171435.83 | 16171435.97 | 16171436.12 | 0.3683 | 0.0775 |
| Mercury | 39594-03-26 10:34 G | 16182555.87 | 16182555.94 | 16182556.01 | 0.3688 | 0.2703 |
| Mercury | 39599-10-10 02:24 G | 16184579.50 | 16184579.60 | 16184579.70 | 0.3688 | 0.0711 |
| Mercury | 39605-04-24 18:14 G | 16186603.16 | 16186603.26 | 16186603.36 | 0.3687 | 0.1322 |
| Mercury | 39610-11-08 10:19 G | 16188626.89 | 16188626.93 | 16188626.97 | 0.3687 | 0.3399 |
| Mercury | 39614-11-05 05:46 G | 16190084.67 | 16190084.74 | 16190084.82 | 0.3683 | 0.3109 |
| Mercury | 39620-05-21 12:58 G | 16192108.93 | 16192109.04 | 16192109.14 | 0.3683 | 0.2634 |
| Mercury | 39650-10-31 07:55 G | 16203228.75 | 16203228.83 | 16203228.92 | 0.3688 | 0.1991 |
| Mercury | 39656-05-15 23:46 G | 16205252.39 | 16205252.49 | 16205252.60 | 0.3688 | 0.0103 |
| Mercury | 39661-11-29 15:50 G | 16207276.07 | 16207276.16 | 16207276.24 | 0.3687 | 0.2068 |
| Mercury | 39671-06-12 07:26 G | 16210757.67 | 16210757.81 | 16210757.96 | 0.3683 | 0.1177 |
| Mercury | 39701-11-22 13:41 G | 16221878.02 | 16221878.07 | 16221878.12 | 0.3689 | 0.3260 |
| Mercury | 39707-06-08 05:31 G | 16223901.63 | 16223901.73 | 16223901.82 | 0.3688 | 0.1285 |
| Mercury | 39712-12-21 21:22 G | 16225925.29 | 16225925.39 | 16225925.49 | 0.3688 | 0.0747 |
| Mercury | 39718-07-07 13:12 G | 16227948.99 | 16227949.05 | 16227949.12 | 0.3687 | 0.2811 |
| Mercury | 39728-01-18 09:07 G | 16231430.73 | 16231430.88 | 16231431.02 | 0.3683 | 0.0728 |
| Mercury | 39758-06-29 11:02 G | 16242550.89 | 16242550.96 | 16242551.04 | 0.3688 | 0.2563 |
| Mercury | 39764-01-13 02:53 G | 16244574.52 | 16244574.62 | 16244574.73 | 0.3688 | 0.0565 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 39769-07-28 18:58 G | 16246598.19 | 16246598.29 | 16246598.38 | 0.3687 | 0.1490 |
| Mercury | 39775-02-11 10:48 G | 16248621.93 | 16248621.95 | 16248621.98 | 0.3687 | 0.3560 |
| Mercury | 39779-02-08 03:36 G | 16250079.57 | 16250079.65 | 16250079.72 | 0.3682 | 0.3173 |
| Mercury | 39784-08-24 10:34 G | 16252103.84 | 16252103.94 | 16252104.04 | 0.3683 | 0.2619 |
| Mercury | 39815-02-04 08:38 G | 16263223.77 | 16263223.86 | 16263223.95 | 0.3688 | 0.1841 |
| Mercury | 39820-08-20 00:29 G | 16265247.42 | 16265247.52 | 16265247.62 | 0.3688 | 0.0180 |
| Mercury | 39826-03-05 16:19 G | 16267271.10 | 16267271.18 | 16267271.27 | 0.3687 | 0.2241 |
| Mercury | 39835-09-16 05:17 G | 16270752.57 | 16270752.72 | 16270752.86 | 0.3683 | 0.1223 |
| Mercury | 39866-02-25 14:24 G | 16281873.04 | 16281873.10 | 16281873.15 | 0.3689 | 0.3112 |
| Mercury | 39871-09-11 06:14 G | 16283896.66 | 16283896.76 | 16283896.85 | 0.3688 | 0.1129 |
| Mercury | 39877-03-26 22:05 G | 16285920.32 | 16285920.42 | 16285920.52 | 0.3687 | 0.0922 |
| Mercury | 39882-10-10 13:55 G | 16287944.02 | 16287944.08 | 16287944.14 | 0.3687 | 0.2983 |
| Mercury | 39892-04-22 06:43 G | 16291425.64 | 16291425.78 | 16291425.93 | 0.3683 | 0.0725 |
| Mercury | 39922-10-03 11:46 G | 16302545.92 | 16302545.99 | 16302546.07 | 0.3688 | 0.2399 |
| Mercury | 39928-04-18 03:36 G | 16304569.55 | 16304569.65 | 16304569.76 | 0.3688 | 0.0393 |
| Mercury | 39933-11-01 19:26 G | 16306593.22 | 16306593.31 | 16306593.41 | 0.3687 | 0.1670 |
| Mercury | 39943-05-15 01:12 G | 16310074.48 | 16310074.55 | 16310074.62 | 0.3682 | 0.3233 |
| Mercury | 39948-11-28 08:10 G | 16312098.74 | 16312098.84 | 16312098.95 | 0.3683 | 0.2606 |
| Mercury | 39973-10-24 17:31 G | 16321195.22 | 16321195.23 | 16321195.24 | 0.3689 | 0.3664 |
| Mercury | 39979-05-10 09:22 G | 16323218.80 | 16323218.89 | 16323218.98 | 0.3688 | 0.1684 |
| Mercury | 39984-11-23 01:12 G | 16325242.44 | 16325242.55 | 16325242.65 | 0.3688 | 0.0352 |
| Mercury | 39990-06-08 17:02 G | 16327266.13 | 16327266.21 | 16327266.29 | 0.3687 | 0.2394 |
| Mercury | 39999-12-20 02:38 G | 16330747.47 | 16330747.61 | 16330747.75 | 0.3683 | 0.1295 |

41ST MILLENNIUM CE

This is a list of transits visible from Venus in the 41st millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 40030-05-31 15:07 G | | 16341868.07 | 16341868.13 | 16341868.18 | 0.3689 | 0.2968 | |
| Mercury | 40035-12-15 06:43 G | | 16343891.68 | 16343891.78 | 16343891.88 | 0.3688 | 0.0964 | |
| Mercury | 40041-06-29 22:34 G | | 16345915.34 | 16345915.44 | 16345915.54 | 0.3688 | 0.1077 | |
| Mercury | 40047-01-13 14:38 G | | 16347939.06 | 16347939.11 | 16347939.16 | 0.3687 | 0.3147 | |
| Mercury | 40056-07-26 04:19 G | | 16351420.53 | 16351420.68 | 16351420.83 | 0.3683 | 0.0671 | |
| Mercury | 40087-01-05 12:29 G | | 16362540.94 | 16362541.02 | 16362541.10 | 0.3689 | 0.2245 | |
| Mercury | 40092-07-21 04:19 G | | 16364564.57 | 16364564.68 | 16364564.78 | 0.3688 | 0.0239 | |
| Mercury | 40098-02-03 20:10 G | | 16366588.25 | 16366588.34 | 16366588.43 | 0.3687 | 0.1817 | |
| Mercury | 40107-08-17 22:34 G | | 16370069.38 | 16370069.44 | 16370069.50 | 0.3682 | 0.3332 | |
| Mercury | 40113-03-03 06:00 G | | 16372093.64 | 16372093.75 | 16372093.85 | 0.3683 | 0.2603 | |
| Mercury | 40138-01-27 18:14 G | | 16381190.23 | 16381190.26 | 16381190.29 | 0.3689 | 0.3522 | |
| Mercury | 40143-08-13 10:05 G | | 16383213.82 | 16383213.92 | 16383214.01 | 0.3688 | 0.1525 | |
| Mercury | 40149-02-26 01:41 G | | 16385237.47 | 16385237.57 | 16385237.68 | 0.3688 | 0.0532 | |
| Mercury | 40154-09-11 17:46 G | | 16387261.16 | 16387261.24 | 16387261.31 | 0.3687 | 0.2570 | |
| Mercury | 40164-03-24 00:29 G | | 16390742.37 | 16390742.52 | 16390742.66 | 0.3682 | 0.1324 | |
| Mercury | 40194-09-03 15:36 G | | 16401863.09 | 16401863.15 | 16401863.22 | 0.3689 | 0.2807 | |
| Mercury | 40200-03-20 07:26 G | | 16403886.71 | 16403886.81 | 16403886.91 | 0.3688 | 0.0793 | |
| Mercury | 40205-10-03 23:17 G | | 16405910.37 | 16405910.47 | 16405910.57 | 0.3688 | 0.1247 | |
| Mercury | 40211-04-19 15:07 G | | 16407934.09 | 16407934.13 | 16407934.18 | 0.3687 | 0.3329 | |
| Mercury | 40220-10-30 02:10 G | | 16411415.44 | 16411415.59 | 16411415.74 | 0.3683 | 0.0653 | |
| Mercury | 40251-04-11 13:12 G | | 16422535.97 | 16422536.05 | 16422536.13 | 0.3689 | 0.2080 | |
| Mercury | 40256-10-25 05:02 G | | 16424559.60 | 16424559.71 | 16424559.81 | 0.3688 | 0.0116 | |
| Mercury | 40262-05-10 20:53 G | | 16426583.28 | 16426583.37 | 16426583.45 | 0.3688 | 0.1992 | |
| Mercury | 40271-11-20 20:10 G | | 16430064.28 | 16430064.34 | 16430064.39 | 0.3682 | 0.3407 | |
| Mercury | 40277-06-06 03:36 G | | 16432088.55 | 16432088.65 | 16432088.76 | 0.3683 | 0.2597 | |
| Mercury | 40302-05-03 18:58 G | | 16441185.25 | 16441185.29 | 16441185.33 | 0.3689 | 0.3362 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 40307-11-17 10:48 G | 16443208.85 | 16443208.95 | 16443209.04 | 0.3688 | 0.1364 |
| Mercury | 40313-06-02 02:24 G | 16445232.50 | 16445232.60 | 16445232.70 | 0.3688 | 0.0671 |
| Mercury | 40318-12-16 18:14 G | 16447256.20 | 16447256.26 | 16447256.33 | 0.3687 | 0.2745 |
| Mercury | 40328-06-27 21:50 G | 16450737.27 | 16450737.41 | 16450737.55 | 0.3682 | 0.1392 |
| Mercury | 40358-12-08 16:19 G | 16461858.11 | 16461858.18 | 16461858.25 | 0.3689 | 0.2647 |
| Mercury | 40364-06-23 08:10 G | 16463881.74 | 16463881.84 | 16463881.94 | 0.3688 | 0.0647 |
| Mercury | 40370-01-07 00:00 G | 16465905.40 | 16465905.50 | 16465905.59 | 0.3688 | 0.1415 |
| Mercury | 40375-07-23 15:50 G | 16467929.13 | 16467929.16 | 16467929.19 | 0.3687 | 0.3490 |
| Mercury | 40385-02-01 23:31 G | 16471410.33 | 16471410.48 | 16471410.63 | 0.3682 | 0.0605 |
| Mercury | 40415-07-15 13:55 G | 16482530.99 | 16482531.08 | 16482531.16 | 0.3689 | 0.1931 |
| Mercury | 40421-01-28 05:31 G | 16484554.63 | 16484554.73 | 16484554.84 | 0.3688 | 0.0145 |
| Mercury | 40426-08-13 21:22 G | 16486578.31 | 16486578.39 | 16486578.48 | 0.3687 | 0.2168 |
| Mercury | 40436-02-23 17:46 G | 16490059.19 | 16490059.24 | 16490059.28 | 0.3682 | 0.3474 |
| Mercury | 40441-09-09 01:12 G | 16492083.45 | 16492083.55 | 16492083.66 | 0.3683 | 0.2572 |
| Mercury | 40466-08-05 19:41 G | 16501180.27 | 16501180.32 | 16501180.37 | 0.3689 | 0.3204 |
| Mercury | 40472-02-19 11:17 G | 16503203.87 | 16503203.97 | 16503204.07 | 0.3688 | 0.1204 |
| Mercury | 40477-09-04 03:07 G | 16505227.53 | 16505227.63 | 16505227.73 | 0.3688 | 0.0841 |
| Mercury | 40483-03-20 18:58 G | 16507251.23 | 16507251.29 | 16507251.35 | 0.3687 | 0.2916 |
| Mercury | 40492-09-29 19:26 G | 16510732.17 | 16510732.31 | 16510732.45 | 0.3682 | 0.1437 |
| Mercury | 40523-03-13 17:02 G | 16521853.14 | 16521853.21 | 16521853.29 | 0.3689 | 0.2486 |
| Mercury | 40528-09-26 08:53 G | 16523876.76 | 16523876.87 | 16523876.97 | 0.3688 | 0.0482 |
| Mercury | 40534-04-12 00:43 G | 16525900.43 | 16525900.53 | 16525900.62 | 0.3688 | 0.1595 |
| Mercury | 40539-10-26 16:34 G | 16527924.18 | 16527924.19 | 16527924.19 | 0.3687 | 0.3675 |
| Mercury | 40549-05-07 21:22 G | 16531405.24 | 16531405.39 | 16531405.54 | 0.3682 | 0.0586 |
| Mercury | 40579-10-18 14:38 G | 16542526.02 | 16542526.11 | 16542526.20 | 0.3689 | 0.1764 |
| Mercury | 40585-05-03 06:14 G | 16544549.66 | 16544549.76 | 16544549.87 | 0.3688 | 0.0281 |
| Mercury | 40590-11-16 22:05 G | 16546573.34 | 16546573.42 | 16546573.50 | 0.3688 | 0.2340 |
| Mercury | 40600-05-29 15:07 G | 16550054.10 | 16550054.13 | 16550054.17 | 0.3682 | 0.3554 |
| Mercury | 40605-12-13 22:48 G | 16552078.34 | 16552078.45 | 16552078.56 | 0.3683 | 0.2533 |
| Mercury | 40630-11-09 20:24 G | 16561175.29 | 16561175.35 | 16561175.40 | 0.3689 | 0.3042 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 40636-05-25 12:00 G | 16563198.90 | 16563199.00 | 16563199.10 | 0.3689 | 0.1041 |
| Mercury | 40641-12-09 03:50 G | 16565222.56 | 16565222.66 | 16565222.76 | 0.3688 | 0.1015 |
| Mercury | 40647-06-24 19:41 G | 16567246.26 | 16567246.32 | 16567246.37 | 0.3687 | 0.3083 |
| Mercury | 40657-01-03 16:48 G | 16570727.07 | 16570727.20 | 16570727.34 | 0.3682 | 0.1531 |
| Mercury | 40687-06-16 17:46 G | 16581848.16 | 16581848.24 | 16581848.32 | 0.3689 | 0.2333 |
| Mercury | 40692-12-30 09:22 G | 16583871.79 | 16583871.89 | 16583872.00 | 0.3688 | 0.0345 |
| Mercury | 40698-07-16 01:12 G | 16585895.46 | 16585895.55 | 16585895.64 | 0.3688 | 0.1751 |
| Mercury | 40713-08-11 18:43 G | 16591400.13 | 16591400.28 | 16591400.43 | 0.3682 | 0.0504 |
| Mercury | 40738-07-08 23:31 G | 16600497.47 | 16600497.48 | 16600497.50 | 0.3689 | 0.3613 |
| Mercury | 40744-01-22 15:07 G | 16602521.04 | 16602521.13 | 16602521.23 | 0.3689 | 0.1612 |
| Mercury | 40749-08-07 06:58 G | 16604544.69 | 16604544.79 | 16604544.89 | 0.3688 | 0.0436 |
| Mercury | 40755-02-20 22:48 G | 16606568.37 | 16606568.45 | 16606568.52 | 0.3688 | 0.2502 |
| Mercury | 40764-09-01 12:29 G | 16610049.01 | 16610049.02 | 16610049.04 | 0.3682 | 0.3658 |
| Mercury | 40770-03-18 20:24 G | 16612073.24 | 16612073.35 | 16612073.46 | 0.3683 | 0.2532 |
| Mercury | 40795-02-12 21:07 G | 16621170.31 | 16621170.38 | 16621170.44 | 0.3689 | 0.2897 |
| Mercury | 40800-08-28 12:43 G | 16623193.93 | 16623194.03 | 16623194.13 | 0.3689 | 0.0870 |
| Mercury | 40806-03-14 04:34 G | 16625217.59 | 16625217.69 | 16625217.78 | 0.3688 | 0.1191 |
| Mercury | 40811-09-27 20:10 G | 16627241.30 | 16627241.34 | 16627241.39 | 0.3687 | 0.3266 |
| Mercury | 40821-04-08 14:24 G | 16630721.97 | 16630722.10 | 16630722.24 | 0.3682 | 0.1577 |
| Mercury | 40851-09-19 18:29 G | 16641843.19 | 16641843.27 | 16641843.35 | 0.3689 | 0.2167 |
| Mercury | 40857-04-04 10:05 G | 16643866.82 | 16643866.92 | 16643867.03 | 0.3688 | 0.0189 |
| Mercury | 40862-10-19 01:55 G | 16645890.49 | 16645890.58 | 16645890.67 | 0.3688 | 0.1928 |
| Mercury | 40877-11-13 16:19 G | 16651395.03 | 16651395.18 | 16651395.33 | 0.3682 | 0.0475 |
| Mercury | 40902-10-12 00:14 G | 16660492.48 | 16660492.51 | 16660492.55 | 0.3689 | 0.3450 |
| Mercury | 40908-04-26 15:50 G | 16662516.07 | 16662516.16 | 16662516.26 | 0.3689 | 0.1443 |
| Mercury | 40913-11-10 07:41 G | 16664539.72 | 16664539.82 | 16664539.92 | 0.3688 | 0.0613 |
| Mercury | 40919-05-26 23:31 G | 16666563.41 | 16666563.48 | 16666563.55 | 0.3688 | 0.2684 |
| Mercury | 40934-06-21 18:00 G | 16672068.14 | 16672068.25 | 16672068.36 | 0.3683 | 0.2510 |
| Mercury | 40959-05-18 21:50 G | 16681165.34 | 16681165.41 | 16681165.47 | 0.3689 | 0.2735 |
| Mercury | 40964-12-01 13:26 G | 16683188.96 | 16683189.06 | 16683189.16 | 0.3689 | 0.0700 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 40970-06-17 05:02 G | 16685212.62 | 16685212.71 | 16685212.81 | 0.3688 | 0.1347 |
| Mercury | 40975-12-31 20:53 G | 16687236.34 | 16687236.37 | 16687236.41 | 0.3688 | 0.3440 |
| Mercury | 40985-07-12 11:46 G | 16690716.86 | 16690716.99 | 16690717.13 | 0.3682 | 0.1671 |

42ND MILLENNIUM CE

This is a list of transits visible from Venus in the 42nd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 41015-12-24 19:12 G | | 16701838.21 | 16701838.30 | 16701838.38 | 0.3689 | 0.2005 | |
| Mercury | 41021-07-09 10:48 G | | 16703861.85 | 16703861.95 | 16703862.05 | 0.3688 | 0.0032 | |
| Mercury | 41027-01-23 02:38 G | | 16705885.52 | 16705885.61 | 16705885.69 | 0.3688 | 0.2100 | |
| Mercury | 41042-02-17 13:41 G | | 16711389.92 | 16711390.07 | 16711390.22 | 0.3682 | 0.0426 | |
| Mercury | 41067-01-15 00:58 G | | 16720487.50 | 16720487.54 | 16720487.58 | 0.3689 | 0.3294 | |
| Mercury | 41072-07-30 16:34 G | | 16722511.10 | 16722511.19 | 16722511.29 | 0.3689 | 0.1276 | |
| Mercury | 41078-02-13 08:10 G | | 16724534.74 | 16724534.84 | 16724534.95 | 0.3688 | 0.0790 | |
| Mercury | 41083-08-30 00:00 G | | 16726558.44 | 16726558.50 | 16726558.57 | 0.3688 | 0.2863 | |
| Mercury | 41098-09-24 15:36 G | | 16732063.04 | 16732063.15 | 16732063.26 | 0.3682 | 0.2479 | |
| Mercury | 41123-08-22 22:19 G | | 16741160.36 | 16741160.43 | 16741160.51 | 0.3689 | 0.2572 | |
| Mercury | 41129-03-07 14:10 G | | 16743183.98 | 16743184.09 | 16743184.19 | 0.3688 | 0.0553 | |
| Mercury | 41134-09-21 05:46 G | | 16745207.65 | 16745207.74 | 16745207.83 | 0.3688 | 0.1523 | |
| Mercury | 41140-04-05 21:36 G | | 16747231.38 | 16747231.40 | 16747231.41 | 0.3687 | 0.3624 | |
| Mercury | 41149-10-16 09:22 G | | 16750711.75 | 16750711.89 | 16750712.03 | 0.3682 | 0.1714 | |
| Mercury | 41180-03-28 19:55 G | | 16761833.24 | 16761833.33 | 16761833.42 | 0.3689 | 0.1834 | |
| Mercury | 41185-10-12 11:31 G | | 16763856.88 | 16763856.98 | 16763857.08 | 0.3688 | 0.0204 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 41191-04-28 03:22 G | 16765880.56 | 16765880.64 | 16765880.72 | 0.3688 | 0.2287 |
| Mercury | 41206-05-23 11:17 G | 16771384.82 | 16771384.97 | 16771385.12 | 0.3682 | 0.0386 |
| Mercury | 41231-04-20 01:41 G | 16780482.52 | 16780482.57 | 16780482.62 | 0.3689 | 0.3125 |
| Mercury | 41236-11-02 17:17 G | 16782506.12 | 16782506.22 | 16782506.32 | 0.3689 | 0.1102 |
| Mercury | 41242-05-19 08:53 G | 16784529.77 | 16784529.87 | 16784529.97 | 0.3688 | 0.0957 |
| Mercury | 41247-12-03 00:43 G | 16786553.48 | 16786553.53 | 16786553.59 | 0.3688 | 0.3042 |
| Mercury | 41262-12-28 12:58 G | 16792057.93 | 16792058.04 | 16792058.15 | 0.3682 | 0.2425 |
| Mercury | 41287-11-24 23:17 G | 16801155.39 | 16801155.47 | 16801155.54 | 0.3689 | 0.2403 |
| Mercury | 41293-06-09 14:38 G | 16803179.01 | 16803179.11 | 16803179.22 | 0.3689 | 0.0402 |
| Mercury | 41298-12-24 06:29 G | 16805202.68 | 16805202.77 | 16805202.86 | 0.3688 | 0.1702 |
| Mercury | 41314-01-19 06:43 G | 16810706.64 | 16810706.78 | 16810706.91 | 0.3682 | 0.1819 |
| Mercury | 41338-12-17 05:02 G | 16819804.71 | 16819804.71 | 16819804.71 | 0.3690 | 0.3688 |
| Mercury | 41344-07-01 20:38 G | 16821828.27 | 16821828.36 | 16821828.45 | 0.3689 | 0.1683 |
| Mercury | 41350-01-15 12:14 G | 16823851.91 | 16823852.01 | 16823852.11 | 0.3689 | 0.0381 |
| Mercury | 41355-08-01 03:50 G | 16825875.59 | 16825875.66 | 16825875.74 | 0.3688 | 0.2453 |
| Mercury | 41370-08-26 08:38 G | 16831379.70 | 16831379.86 | 16831380.01 | 0.3682 | 0.0305 |
| Mercury | 41395-07-24 02:24 G | 16840477.54 | 16840477.60 | 16840477.66 | 0.3689 | 0.2972 |
| Mercury | 41401-02-06 18:00 G | 16842501.15 | 16842501.25 | 16842501.35 | 0.3689 | 0.0943 |
| Mercury | 41406-08-23 09:36 G | 16844524.80 | 16844524.90 | 16844525.00 | 0.3688 | 0.1128 |
| Mercury | 41412-03-08 01:26 G | 16846548.51 | 16846548.56 | 16846548.61 | 0.3688 | 0.3212 |
| Mercury | 41427-04-03 10:34 G | 16852052.82 | 16852052.94 | 16852053.05 | 0.3682 | 0.2407 |
| Mercury | 41452-02-28 23:46 G | 16861150.41 | 16861150.49 | 16861150.57 | 0.3689 | 0.2244 |
| Mercury | 41457-09-13 15:22 G | 16863174.04 | 16863174.14 | 16863174.25 | 0.3689 | 0.0235 |
| Mercury | 41463-03-30 07:12 G | 16865197.71 | 16865197.80 | 16865197.89 | 0.3688 | 0.1883 |
| Mercury | 41478-04-24 04:05 G | 16870701.54 | 16870701.67 | 16870701.80 | 0.3682 | 0.1880 |
| Mercury | 41503-03-23 05:46 G | 16879799.71 | 16879799.74 | 16879799.77 | 0.3689 | 0.3527 |
| Mercury | 41508-10-05 21:22 G | 16881823.29 | 16881823.39 | 16881823.48 | 0.3689 | 0.1511 |
| Mercury | 41514-04-21 12:58 G | 16883846.94 | 16883847.04 | 16883847.14 | 0.3689 | 0.0558 |
| Mercury | 41519-11-05 04:34 G | 16885870.62 | 16885870.69 | 16885870.76 | 0.3688 | 0.2637 |
| Mercury | 41534-11-30 06:00 G | 16891374.60 | 16891374.75 | 16891374.90 | 0.3682 | 0.0248 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 41559-10-28 03:07 G | 16900472.57 | 16900472.63 | 16900472.70 | 0.3689 | 0.2800 |
| Mercury | 41565-05-12 18:43 G | 16902496.18 | 16902496.28 | 16902496.38 | 0.3689 | 0.0765 |
| Mercury | 41570-11-26 10:19 G | 16904519.84 | 16904519.93 | 16904520.03 | 0.3688 | 0.1310 |
| Mercury | 41576-06-11 02:10 G | 16906543.55 | 16906543.59 | 16906543.62 | 0.3688 | 0.3396 |
| Mercury | 41591-07-07 07:55 G | 16912047.71 | 16912047.83 | 16912047.95 | 0.3682 | 0.2357 |
| Mercury | 41616-06-03 00:29 G | 16921145.44 | 16921145.52 | 16921145.61 | 0.3689 | 0.2076 |
| Mercury | 41621-12-17 16:05 G | 16923169.07 | 16923169.17 | 16923169.28 | 0.3689 | 0.0106 |
| Mercury | 41627-07-03 07:41 G | 16925192.74 | 16925192.82 | 16925192.91 | 0.3688 | 0.2052 |
| Mercury | 41642-07-28 01:26 G | 16930696.43 | 16930696.56 | 16930696.69 | 0.3682 | 0.1990 |
| Mercury | 41667-06-25 06:29 G | 16939794.73 | 16939794.77 | 16939794.81 | 0.3690 | 0.3373 |
| Mercury | 41673-01-07 22:05 G | 16941818.32 | 16941818.42 | 16941818.51 | 0.3689 | 0.1344 |
| Mercury | 41678-07-24 13:41 G | 16943841.96 | 16943842.07 | 16943842.17 | 0.3688 | 0.0736 |
| Mercury | 41684-02-07 05:17 G | 16945865.65 | 16945865.72 | 16945865.78 | 0.3688 | 0.2808 |
| Mercury | 41699-03-04 03:22 G | 16951369.49 | 16951369.64 | 16951369.79 | 0.3682 | 0.0180 |
| Mercury | 41724-01-31 03:50 G | 16960467.59 | 16960467.66 | 16960467.73 | 0.3689 | 0.2641 |
| Mercury | 41729-08-15 19:26 G | 16962491.21 | 16962491.31 | 16962491.41 | 0.3689 | 0.0599 |
| Mercury | 41735-03-01 11:02 G | 16964514.86 | 16964514.96 | 16964515.05 | 0.3688 | 0.1473 |
| Mercury | 41740-09-14 02:38 G | 16966538.59 | 16966538.61 | 16966538.63 | 0.3688 | 0.3579 |
| Mercury | 41755-10-10 05:17 G | 16972042.60 | 16972042.72 | 16972042.84 | 0.3682 | 0.2325 |
| Mercury | 41780-09-06 01:12 G | 16981140.47 | 16981140.55 | 16981140.64 | 0.3689 | 0.1906 |
| Mercury | 41786-03-22 16:48 G | 16983164.10 | 16983164.20 | 16983164.30 | 0.3689 | 0.0169 |
| Mercury | 41791-10-06 08:24 G | 16985187.77 | 16985187.85 | 16985187.93 | 0.3688 | 0.2235 |
| Mercury | 41806-10-31 22:48 G | 16990691.32 | 16990691.45 | 16990691.58 | 0.3682 | 0.2052 |
| Mercury | 41831-09-29 07:12 G | 16999789.75 | 16999789.80 | 16999789.85 | 0.3690 | 0.3201 |
| Mercury | 41837-04-13 22:48 G | 17001813.35 | 17001813.45 | 17001813.54 | 0.3689 | 0.1165 |
| Mercury | 41842-10-28 14:24 G | 17003837.00 | 17003837.10 | 17003837.19 | 0.3688 | 0.0918 |
| Mercury | 41848-05-13 06:00 G | 17005860.69 | 17005860.75 | 17005860.81 | 0.3688 | 0.2999 |
| Mercury | 41863-06-08 00:43 G | 17011364.38 | 17011364.53 | 17011364.69 | 0.3682 | 0.0126 |
| Mercury | 41888-05-05 04:34 G | 17020462.62 | 17020462.69 | 17020462.77 | 0.3689 | 0.2466 |
| Mercury | 41893-11-18 20:10 G | 17022486.24 | 17022486.34 | 17022486.44 | 0.3689 | 0.0420 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 41899-06-04 11:46 G | 17024509.90 | 17024509.99 | 17024510.08 | 0.3689 | 0.1654 |
| Mercury | 41920-01-14 02:38 G | 17032037.49 | 17032037.61 | 17032037.73 | 0.3682 | 0.2256 |
| Mercury | 41944-12-11 01:55 G | 17041135.49 | 17041135.58 | 17041135.67 | 0.3689 | 0.1734 |
| Mercury | 41950-06-26 17:31 G | 17043159.13 | 17043159.23 | 17043159.33 | 0.3689 | 0.0321 |
| Mercury | 41956-01-10 09:07 G | 17045182.81 | 17045182.88 | 17045182.96 | 0.3688 | 0.2414 |
| Mercury | 41971-02-03 19:55 G | 17050686.21 | 17050686.33 | 17050686.45 | 0.3681 | 0.2180 |
| Mercury | 41996-01-02 07:55 G | 17059784.77 | 17059784.83 | 17059784.89 | 0.3690 | 0.3034 |

43RD MILLENNIUM CE

This is a list of transits visible from Venus in the 43rd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 42001-07-17 23:17 G | | 17061808.38 | 17061808.47 | 17061808.57 | 0.3689 | 0.1008 | |
| Mercury | 42007-01-31 14:53 G | | 17063832.02 | 17063832.12 | 17063832.22 | 0.3689 | 0.1077 | |
| Mercury | 42012-08-16 06:29 G | | 17065855.72 | 17065855.77 | 17065855.83 | 0.3688 | 0.3178 | |
| Mercury | 42027-09-10 22:05 G | | 17071359.26 | 17071359.42 | 17071359.57 | 0.3682 | 0.0082 | |
| Mercury | 42052-08-08 05:17 G | | 17080457.64 | 17080457.72 | 17080457.80 | 0.3689 | 0.2304 | |
| Mercury | 42058-02-21 20:53 G | | 17082481.26 | 17082481.37 | 17082481.47 | 0.3689 | 0.0278 | |
| Mercury | 42063-09-07 12:29 G | | 17084504.93 | 17084505.02 | 17084505.11 | 0.3688 | 0.1838 | |
| Mercury | 42084-04-17 00:00 G | | 17092032.38 | 17092032.50 | 17092032.63 | 0.3682 | 0.2230 | |
| Mercury | 42103-08-31 11:17 G | | 17099106.95 | 17099106.97 | 17099106.99 | 0.3690 | 0.3597 | |
| Mercury | 42109-03-16 02:38 G | | 17101130.52 | 17101130.61 | 17101130.70 | 0.3689 | 0.1567 | |
| Mercury | 42114-09-29 18:14 G | | 17103154.16 | 17103154.26 | 17103154.36 | 0.3689 | 0.0503 | |
| Mercury | 42120-04-14 09:50 G | | 17105177.84 | 17105177.91 | 17105177.98 | 0.3688 | 0.2599 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 42135-05-09 17:17 G | 17110681.10 | 17110681.22 | 17110681.34 | 0.3681 | 0.2253 |
| Mercury | 42160-04-06 08:38 G | 17119779.80 | 17119779.86 | 17119779.92 | 0.3690 | 0.2863 |
| Mercury | 42165-10-21 00:00 G | 17121803.41 | 17121803.50 | 17121803.60 | 0.3689 | 0.0837 |
| Mercury | 42171-05-06 15:36 G | 17123827.06 | 17123827.15 | 17123827.25 | 0.3689 | 0.1267 |
| Mercury | 42176-11-19 07:12 G | 17125850.77 | 17125850.80 | 17125850.84 | 0.3688 | 0.3370 |
| Mercury | 42191-12-14 19:12 G | 17131354.15 | 17131354.30 | 17131354.46 | 0.3682 | 0.0100 |
| Mercury | 42216-11-12 06:00 G | 17140452.67 | 17140452.75 | 17140452.83 | 0.3689 | 0.2127 |
| Mercury | 42222-05-28 21:36 G | 17142476.29 | 17142476.40 | 17142476.50 | 0.3689 | 0.0125 |
| Mercury | 42227-12-12 13:12 G | 17144499.96 | 17144500.05 | 17144500.13 | 0.3688 | 0.2025 |
| Mercury | 42248-07-21 21:22 G | 17152027.26 | 17152027.39 | 17152027.51 | 0.3682 | 0.2156 |
| Mercury | 42267-12-04 12:00 G | 17159101.96 | 17159102.00 | 17159102.03 | 0.3690 | 0.3426 |
| Mercury | 42273-06-19 03:22 G | 17161125.55 | 17161125.64 | 17161125.74 | 0.3689 | 0.1397 |
| Mercury | 42279-01-02 18:58 G | 17163149.19 | 17163149.29 | 17163149.39 | 0.3689 | 0.0683 |
| Mercury | 42284-07-18 10:34 G | 17165172.87 | 17165172.94 | 17165173.00 | 0.3688 | 0.2772 |
| Mercury | 42299-08-12 14:24 G | 17170675.98 | 17170676.10 | 17170676.22 | 0.3681 | 0.2372 |
| Mercury | 42324-07-11 09:22 G | 17179774.82 | 17179774.89 | 17179774.96 | 0.3690 | 0.2704 |
| Mercury | 42330-01-25 00:43 G | 17181798.43 | 17181798.53 | 17181798.63 | 0.3689 | 0.0661 |
| Mercury | 42335-08-10 16:19 G | 17183822.09 | 17183822.18 | 17183822.28 | 0.3689 | 0.1433 |
| Mercury | 42341-02-23 07:55 G | 17185845.81 | 17185845.83 | 17185845.86 | 0.3688 | 0.3542 |
| Mercury | 42356-03-19 16:34 G | 17191349.03 | 17191349.19 | 17191349.35 | 0.3681 | 0.0117 |
| Mercury | 42381-02-15 06:43 G | 17200447.69 | 17200447.78 | 17200447.86 | 0.3689 | 0.1966 |
| Mercury | 42386-08-31 22:19 G | 17202471.32 | 17202471.43 | 17202471.53 | 0.3689 | 0.0163 |
| Mercury | 42392-03-16 13:41 G | 17204494.99 | 17204495.07 | 17204495.16 | 0.3688 | 0.2196 |
| Mercury | 42412-10-24 18:43 G | 17212022.15 | 17212022.28 | 17212022.41 | 0.3682 | 0.2118 |
| Mercury | 42432-03-08 12:43 G | 17219096.98 | 17219097.03 | 17219097.07 | 0.3690 | 0.3269 |
| Mercury | 42437-09-22 04:05 G | 17221120.58 | 17221120.67 | 17221120.77 | 0.3689 | 0.1219 |
| Mercury | 42443-04-07 19:41 G | 17223144.22 | 17223144.32 | 17223144.42 | 0.3689 | 0.0863 |
| Mercury | 42448-10-21 11:17 G | 17225167.91 | 17225167.97 | 17225168.03 | 0.3688 | 0.2964 |
| Mercury | 42463-11-15 11:46 G | 17230670.87 | 17230670.99 | 17230671.10 | 0.3681 | 0.2454 |
| Mercury | 42488-10-13 10:05 G | 17239769.85 | 17239769.92 | 17239769.99 | 0.3690 | 0.2529 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 42494-04-29 01:26 G | 17241793.46 | 17241793.56 | 17241793.67 | 0.3689 | 0.0491 |
| Mercury | 42499-11-12 17:02 G | 17243817.12 | 17243817.21 | 17243817.30 | 0.3689 | 0.1621 |
| Mercury | 42520-06-22 13:55 G | 17251343.92 | 17251344.08 | 17251344.23 | 0.3682 | 0.0207 |
| Mercury | 42545-05-21 07:26 G | 17260442.72 | 17260442.81 | 17260442.90 | 0.3690 | 0.1786 |
| Mercury | 42550-12-04 23:02 G | 17262466.36 | 17262466.46 | 17262466.56 | 0.3689 | 0.0304 |
| Mercury | 42556-06-19 14:24 G | 17264490.03 | 17264490.10 | 17264490.18 | 0.3689 | 0.2383 |
| Mercury | 42577-01-27 15:50 G | 17272017.03 | 17272017.16 | 17272017.29 | 0.3682 | 0.2021 |
| Mercury | 42596-06-11 13:26 G | 17279092.01 | 17279092.06 | 17279092.11 | 0.3690 | 0.3097 |
| Mercury | 42601-12-27 04:48 G | 17281115.61 | 17281115.70 | 17281115.80 | 0.3689 | 0.1042 |
| Mercury | 42607-07-12 20:24 G | 17283139.25 | 17283139.35 | 17283139.44 | 0.3689 | 0.1041 |
| Mercury | 42613-01-25 12:00 G | 17285162.94 | 17285163.00 | 17285163.05 | 0.3688 | 0.3152 |
| Mercury | 42628-02-19 08:38 G | 17290665.75 | 17290665.86 | 17290665.97 | 0.3681 | 0.2593 |
| Mercury | 42653-01-17 10:48 G | 17299764.87 | 17299764.95 | 17299765.03 | 0.3690 | 0.2358 |
| Mercury | 42658-08-03 02:10 G | 17301788.49 | 17301788.59 | 17301788.69 | 0.3689 | 0.0315 |
| Mercury | 42664-02-16 17:46 G | 17303812.15 | 17303812.24 | 17303812.33 | 0.3689 | 0.1795 |
| Mercury | 42684-09-25 11:02 G | 17311338.80 | 17311338.96 | 17311339.11 | 0.3681 | 0.0300 |
| Mercury | 42704-02-09 16:48 G | 17318414.19 | 17318414.20 | 17318414.21 | 0.3690 | 0.3666 |
| Mercury | 42709-08-25 08:10 G | 17320437.75 | 17320437.84 | 17320437.93 | 0.3689 | 0.1612 |
| Mercury | 42715-03-10 23:31 G | 17322461.38 | 17322461.48 | 17322461.59 | 0.3689 | 0.0489 |
| Mercury | 42720-09-23 15:07 G | 17324485.06 | 17324485.13 | 17324485.21 | 0.3689 | 0.2572 |
| Mercury | 42741-05-03 13:12 G | 17332011.92 | 17332012.05 | 17332012.18 | 0.3682 | 0.1973 |
| Mercury | 42760-09-15 14:10 G | 17339087.03 | 17339087.09 | 17339087.15 | 0.3690 | 0.2923 |
| Mercury | 42766-04-01 05:31 G | 17341110.63 | 17341110.73 | 17341110.83 | 0.3689 | 0.0868 |
| Mercury | 42771-10-15 21:07 G | 17343134.28 | 17343134.38 | 17343134.47 | 0.3689 | 0.1224 |
| Mercury | 42777-04-30 12:43 G | 17345157.99 | 17345158.03 | 17345158.07 | 0.3688 | 0.3345 |
| Mercury | 42792-05-24 06:00 G | 17350660.64 | 17350660.75 | 17350660.86 | 0.3681 | 0.2674 |
| Mercury | 42817-04-22 11:31 G | 17359759.90 | 17359759.98 | 17359760.06 | 0.3690 | 0.2177 |
| Mercury | 42822-11-06 02:53 G | 17361783.52 | 17361783.62 | 17361783.73 | 0.3689 | 0.0191 |
| Mercury | 42828-05-21 18:29 G | 17363807.19 | 17363807.27 | 17363807.36 | 0.3689 | 0.1991 |
| Mercury | 42848-12-29 08:10 G | 17371333.68 | 17371333.84 | 17371333.99 | 0.3681 | 0.0408 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 42868-05-13 17:31 G | 17378409.20 | 17378409.23 | 17378409.26 | 0.3690 | 0.3487 |
| Mercury | 42873-11-27 08:53 G | 17380432.78 | 17380432.87 | 17380432.97 | 0.3689 | 0.1432 |
| Mercury | 42879-06-13 00:29 G | 17382456.41 | 17382456.52 | 17382456.62 | 0.3689 | 0.0666 |
| Mercury | 42884-12-26 15:50 G | 17384480.10 | 17384480.16 | 17384480.23 | 0.3689 | 0.2762 |
| Mercury | 42905-08-06 10:19 G | 17392006.80 | 17392006.93 | 17392007.06 | 0.3682 | 0.1886 |
| Mercury | 42924-12-19 14:53 G | 17399082.06 | 17399082.12 | 17399082.19 | 0.3690 | 0.2748 |
| Mercury | 42930-07-05 06:14 G | 17401105.66 | 17401105.76 | 17401105.86 | 0.3689 | 0.0694 |
| Mercury | 42936-01-18 21:50 G | 17403129.31 | 17403129.41 | 17403129.50 | 0.3689 | 0.1410 |
| Mercury | 42941-08-03 13:12 G | 17405153.03 | 17405153.05 | 17405153.08 | 0.3688 | 0.3521 |
| Mercury | 42956-08-27 02:53 G | 17410655.53 | 17410655.62 | 17410655.72 | 0.3681 | 0.2830 |
| Mercury | 42981-07-26 12:14 G | 17419754.93 | 17419755.01 | 17419755.09 | 0.3690 | 0.2012 |
| Mercury | 42987-02-09 03:36 G | 17421778.55 | 17421778.65 | 17421778.75 | 0.3689 | 0.0124 |
| Mercury | 42992-08-24 19:12 G | 17423802.22 | 17423802.30 | 17423802.38 | 0.3689 | 0.2172 |

44TH MILLENNIUM CE

This is a list of transits visible from Venus in the 44th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 43013-04-04 05:17 G | | 17431328.56 | 17431328.72 | 17431328.87 | 0.3681 | 0.0490 | |
| Mercury | 43032-08-17 18:14 G | | 17438404.22 | 17438404.26 | 17438404.30 | 0.3690 | 0.3324 | |
| Mercury | 43038-03-03 09:36 G | | 17440427.81 | 17440427.90 | 17440428.00 | 0.3689 | 0.1264 | |
| Mercury | 43043-09-17 01:12 G | | 17442451.45 | 17442451.55 | 17442451.65 | 0.3689 | 0.0842 | |
| Mercury | 43049-04-01 16:34 G | | 17444475.13 | 17444475.19 | 17444475.25 | 0.3688 | 0.2941 | |
| Mercury | 43069-11-09 07:41 G | | 17452001.68 | 17452001.82 | 17452001.95 | 0.3682 | 0.1846 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 43089-03-24 15:36 G | 17459077.08 | 17459077.15 | 17459077.22 | 0.3690 | 0.2579 |
| Mercury | 43094-10-08 06:58 G | 17461100.69 | 17461100.79 | 17461100.89 | 0.3689 | 0.0517 |
| Mercury | 43100-04-23 22:34 G | 17463124.35 | 17463124.44 | 17463124.53 | 0.3689 | 0.1600 |
| Mercury | 43120-12-01 00:14 G | 17470650.41 | 17470650.51 | 17470650.60 | 0.3681 | 0.2936 |
| Mercury | 43145-10-30 12:58 G | 17479749.95 | 17479750.04 | 17479750.13 | 0.3690 | 0.1831 |
| Mercury | 43151-05-16 04:19 G | 17481773.58 | 17481773.68 | 17481773.79 | 0.3689 | 0.0305 |
| Mercury | 43156-11-28 19:55 G | 17483797.25 | 17483797.33 | 17483797.41 | 0.3689 | 0.2364 |
| Mercury | 43177-07-08 02:24 G | 17491323.45 | 17491323.60 | 17491323.76 | 0.3681 | 0.0576 |
| Mercury | 43196-11-20 18:58 G | 17498399.24 | 17498399.29 | 17498399.34 | 0.3690 | 0.3145 |
| Mercury | 43202-06-06 10:19 G | 17500422.84 | 17500422.93 | 17500423.03 | 0.3690 | 0.1083 |
| Mercury | 43207-12-21 01:55 G | 17502446.48 | 17502446.58 | 17502446.67 | 0.3689 | 0.1027 |
| Mercury | 43213-07-05 17:17 G | 17504470.17 | 17504470.22 | 17504470.27 | 0.3689 | 0.3128 |
| Mercury | 43234-02-12 04:34 G | 17511996.55 | 17511996.69 | 17511996.83 | 0.3681 | 0.1728 |
| Mercury | 43253-06-27 16:19 G | 17519072.11 | 17519072.18 | 17519072.26 | 0.3690 | 0.2404 |
| Mercury | 43259-01-11 07:41 G | 17521095.72 | 17521095.82 | 17521095.93 | 0.3689 | 0.0348 |
| Mercury | 43264-07-26 23:17 G | 17523119.38 | 17523119.47 | 17523119.55 | 0.3689 | 0.1780 |
| Mercury | 43285-03-04 21:07 G | 17530645.30 | 17530645.38 | 17530645.47 | 0.3681 | 0.3071 |
| Mercury | 43310-02-02 13:41 G | 17539744.98 | 17539745.07 | 17539745.16 | 0.3690 | 0.1657 |
| Mercury | 43315-08-19 05:02 G | 17541768.61 | 17541768.71 | 17541768.82 | 0.3689 | 0.0452 |
| Mercury | 43321-03-03 20:38 G | 17543792.28 | 17543792.36 | 17543792.43 | 0.3689 | 0.2544 |
| Mercury | 43341-10-10 23:31 G | 17551318.33 | 17551318.48 | 17551318.63 | 0.3681 | 0.0686 |
| Mercury | 43361-02-23 19:41 G | 17558394.26 | 17558394.32 | 17558394.38 | 0.3690 | 0.2977 |
| Mercury | 43366-09-09 11:02 G | 17560417.86 | 17560417.96 | 17560418.06 | 0.3689 | 0.0904 |
| Mercury | 43372-03-25 02:24 G | 17562441.51 | 17562441.60 | 17562441.70 | 0.3689 | 0.1208 |
| Mercury | 43377-10-08 18:00 G | 17564465.21 | 17564465.25 | 17564465.29 | 0.3688 | 0.3321 |
| Mercury | 43398-05-18 01:55 G | 17571991.44 | 17571991.58 | 17571991.71 | 0.3681 | 0.1671 |
| Mercury | 43417-10-01 17:02 G | 17579067.13 | 17579067.21 | 17579067.29 | 0.3690 | 0.2226 |
| Mercury | 43423-04-17 08:24 G | 17581090.75 | 17581090.85 | 17581090.96 | 0.3689 | 0.0214 |
| Mercury | 43428-10-31 00:00 G | 17583114.41 | 17583114.50 | 17583114.58 | 0.3689 | 0.1969 |
| Mercury | 43449-06-08 18:14 G | 17590640.18 | 17590640.26 | 17590640.34 | 0.3681 | 0.3169 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 43468-10-22 23:17 G | 17597716.44 | 17597716.47 | 17597716.49 | 0.3690 | 0.3544 |
| Mercury | 43474-05-08 14:24 G | 17599740.01 | 17599740.10 | 17599740.20 | 0.3690 | 0.1475 |
| Mercury | 43479-11-22 06:00 G | 17601763.64 | 17601763.75 | 17601763.85 | 0.3689 | 0.0647 |
| Mercury | 43485-06-06 21:22 G | 17603787.32 | 17603787.39 | 17603787.45 | 0.3689 | 0.2742 |
| Mercury | 43506-01-14 20:24 G | 17611313.20 | 17611313.35 | 17611313.51 | 0.3681 | 0.0821 |
| Mercury | 43525-05-30 20:38 G | 17618389.29 | 17618389.36 | 17618389.42 | 0.3690 | 0.2796 |
| Mercury | 43530-12-14 11:46 G | 17620412.90 | 17620412.99 | 17620413.09 | 0.3689 | 0.0731 |
| Mercury | 43536-06-29 03:22 G | 17622436.54 | 17622436.64 | 17622436.73 | 0.3689 | 0.1394 |
| Mercury | 43542-01-12 18:43 G | 17624460.25 | 17624460.28 | 17624460.31 | 0.3689 | 0.3517 |
| Mercury | 43562-08-21 22:48 G | 17631986.31 | 17631986.45 | 17631986.59 | 0.3681 | 0.1557 |
| Mercury | 43582-01-04 18:00 G | 17639062.16 | 17639062.25 | 17639062.33 | 0.3690 | 0.2045 |
| Mercury | 43587-07-21 09:07 G | 17641085.78 | 17641085.88 | 17641085.99 | 0.3689 | 0.0135 |
| Mercury | 43593-02-03 00:43 G | 17643109.44 | 17643109.53 | 17643109.61 | 0.3689 | 0.2159 |
| Mercury | 43613-09-11 15:07 G | 17650635.07 | 17650635.13 | 17650635.20 | 0.3681 | 0.3341 |
| Mercury | 43633-01-26 00:00 G | 17657711.46 | 17657711.50 | 17657711.53 | 0.3690 | 0.3368 |
| Mercury | 43638-08-11 15:07 G | 17659735.04 | 17659735.13 | 17659735.23 | 0.3690 | 0.1303 |
| Mercury | 43644-02-25 06:29 G | 17661758.67 | 17661758.77 | 17661758.87 | 0.3689 | 0.0815 |
| Mercury | 43649-09-09 22:05 G | 17663782.36 | 17663782.42 | 17663782.48 | 0.3689 | 0.2929 |
| Mercury | 43670-04-18 17:31 G | 17671308.08 | 17671308.23 | 17671308.39 | 0.3681 | 0.0917 |
| Mercury | 43689-09-01 21:22 G | 17678384.32 | 17678384.39 | 17678384.46 | 0.3690 | 0.2622 |
| Mercury | 43695-03-18 12:29 G | 17680407.92 | 17680408.02 | 17680408.12 | 0.3689 | 0.0557 |
| Mercury | 43700-10-02 04:05 G | 17682431.57 | 17682431.67 | 17682431.76 | 0.3689 | 0.1583 |
| Mercury | 43726-11-24 19:55 G | 17691981.19 | 17691981.33 | 17691981.48 | 0.3681 | 0.1486 |
| Mercury | 43746-04-09 18:43 G | 17699057.19 | 17699057.28 | 17699057.36 | 0.3690 | 0.1870 |
| Mercury | 43751-10-24 09:50 G | 17701080.81 | 17701080.91 | 17701081.02 | 0.3689 | 0.0288 |
| Mercury | 43757-05-09 01:26 G | 17703104.48 | 17703104.56 | 17703104.63 | 0.3689 | 0.2355 |
| Mercury | 43777-12-15 12:14 G | 17710629.96 | 17710630.01 | 17710630.06 | 0.3681 | 0.3464 |
| Mercury | 43797-05-01 00:43 G | 17717706.48 | 17717706.53 | 17717706.58 | 0.3690 | 0.3182 |
| Mercury | 43802-11-15 16:05 G | 17719730.07 | 17719730.17 | 17719730.26 | 0.3690 | 0.1118 |
| Mercury | 43808-05-31 07:26 G | 17721753.71 | 17721753.81 | 17721753.90 | 0.3689 | 0.1008 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 43813-12-14 22:48 G | 17723777.40 | 17723777.45 | 17723777.50 | 0.3689 | 0.3129 |
| Mercury | 43834-07-23 14:38 G | 17731302.96 | 17731303.11 | 17731303.26 | 0.3681 | 0.1033 |
| Mercury | 43853-12-06 22:05 G | 17738379.34 | 17738379.42 | 17738379.49 | 0.3690 | 0.2433 |
| Mercury | 43859-06-22 13:26 G | 17740402.95 | 17740403.06 | 17740403.16 | 0.3690 | 0.0380 |
| Mercury | 43865-01-05 04:48 G | 17742426.61 | 17742426.70 | 17742426.79 | 0.3689 | 0.1775 |
| Mercury | 43891-02-27 16:48 G | 17751976.06 | 17751976.20 | 17751976.35 | 0.3681 | 0.1357 |
| Mercury | 43910-07-14 19:26 G | 17759052.22 | 17759052.31 | 17759052.40 | 0.3690 | 0.1694 |
| Mercury | 43916-01-28 10:48 G | 17761075.85 | 17761075.95 | 17761076.05 | 0.3689 | 0.0439 |
| Mercury | 43921-08-13 02:10 G | 17763099.51 | 17763099.59 | 17763099.66 | 0.3689 | 0.2535 |
| Mercury | 43942-03-21 09:07 G | 17770624.85 | 17770624.88 | 17770624.91 | 0.3681 | 0.3613 |
| Mercury | 43961-08-05 01:26 G | 17777701.50 | 17777701.56 | 17777701.61 | 0.3690 | 0.3017 |
| Mercury | 43967-02-18 16:48 G | 17779725.10 | 17779725.20 | 17779725.29 | 0.3690 | 0.0936 |
| Mercury | 43972-09-03 08:10 G | 17781748.74 | 17781748.84 | 17781748.93 | 0.3689 | 0.1193 |
| Mercury | 43978-03-19 23:31 G | 17783772.43 | 17783772.48 | 17783772.52 | 0.3689 | 0.3314 |
| Mercury | 43998-10-26 11:31 G | 17791297.83 | 17791297.98 | 17791298.13 | 0.3681 | 0.1158 |

45TH MILLENNIUM CE

This is a list of transits visible from Venus in the 45th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 44018-03-11 22:48 G | 17798374.37 | 17798374.45 | 17798374.53 | 0.3690 | 0.2265 | | |
| Mercury | 44023-09-25 14:10 G | 17800397.99 | 17800398.09 | 17800398.19 | 0.3689 | 0.0198 | | |
| Mercury | 44029-04-10 05:31 G | 17802421.64 | 17802421.73 | 17802421.81 | 0.3689 | 0.1959 | | |
| Mercury | 44055-06-02 13:55 G | 17811970.94 | 17811971.08 | 17811971.23 | 0.3681 | 0.1294 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 44069-04-02 04:48 G | 17817023.68 | 17817023.70 | 17817023.72 | 0.3690 | 0.3585 |
| Mercury | 44074-10-16 20:10 G | 17819047.25 | 17819047.34 | 17819047.43 | 0.3690 | 0.1500 |
| Mercury | 44080-05-01 11:31 G | 17821070.88 | 17821070.98 | 17821071.08 | 0.3689 | 0.0616 |
| Mercury | 44085-11-15 02:53 G | 17823094.55 | 17823094.62 | 17823094.68 | 0.3689 | 0.2735 |
| Mercury | 44112-01-08 16:19 G | 17832644.17 | 17832644.18 | 17832644.18 | 0.3682 | 0.3675 |
| Mercury | 44125-11-08 02:10 G | 17837696.53 | 17837696.59 | 17837696.65 | 0.3690 | 0.2831 |
| Mercury | 44131-05-24 17:31 G | 17839720.13 | 17839720.23 | 17839720.33 | 0.3690 | 0.0734 |
| Mercury | 44136-12-07 08:53 G | 17841743.77 | 17841743.87 | 17841743.96 | 0.3689 | 0.1383 |
| Mercury | 44142-06-23 00:14 G | 17843767.48 | 17843767.51 | 17843767.54 | 0.3689 | 0.3515 |
| Mercury | 44163-01-29 08:24 G | 17851292.70 | 17851292.85 | 17851293.00 | 0.3681 | 0.1310 |
| Mercury | 44182-06-14 23:31 G | 17858369.40 | 17858369.48 | 17858369.56 | 0.3690 | 0.2074 |
| Mercury | 44187-12-29 14:53 G | 17860393.02 | 17860393.12 | 17860393.22 | 0.3689 | 0.0057 |
| Mercury | 44193-07-14 06:14 G | 17862416.67 | 17862416.76 | 17862416.84 | 0.3689 | 0.2150 |
| Mercury | 44219-09-06 10:48 G | 17871965.80 | 17871965.95 | 17871966.10 | 0.3681 | 0.1160 |
| Mercury | 44233-07-07 05:31 G | 17877018.70 | 17877018.73 | 17877018.77 | 0.3690 | 0.3407 |
| Mercury | 44239-01-20 20:53 G | 17879042.28 | 17879042.37 | 17879042.46 | 0.3690 | 0.1310 |
| Mercury | 44244-08-05 12:14 G | 17881065.91 | 17881066.01 | 17881066.10 | 0.3689 | 0.0802 |
| Mercury | 44250-02-19 03:36 G | 17883089.59 | 17883089.65 | 17883089.71 | 0.3689 | 0.2929 |
| Mercury | 44276-04-12 13:12 G | 17892639.02 | 17892639.05 | 17892639.08 | 0.3681 | 0.3596 |
| Mercury | 44290-02-11 02:53 G | 17897691.55 | 17897691.62 | 17897691.69 | 0.3690 | 0.2653 |
| Mercury | 44295-08-27 18:14 G | 17899715.16 | 17899715.26 | 17899715.36 | 0.3689 | 0.0560 |
| Mercury | 44301-03-13 09:36 G | 17901738.80 | 17901738.90 | 17901738.99 | 0.3689 | 0.1567 |
| Mercury | 44327-05-05 05:31 G | 17911287.58 | 17911287.73 | 17911287.87 | 0.3681 | 0.1413 |
| Mercury | 44346-09-19 00:14 G | 17918364.43 | 17918364.51 | 17918364.60 | 0.3690 | 0.1890 |
| Mercury | 44352-04-03 15:36 G | 17920388.05 | 17920388.15 | 17920388.25 | 0.3689 | 0.0226 |
| Mercury | 44357-10-18 06:58 G | 17922411.71 | 17922411.79 | 17922411.86 | 0.3689 | 0.2348 |
| Mercury | 44383-12-10 07:55 G | 17931960.68 | 17931960.83 | 17931960.98 | 0.3681 | 0.1068 |
| Mercury | 44397-10-10 06:14 G | 17937013.72 | 17937013.76 | 17937013.81 | 0.3690 | 0.3226 |
| Mercury | 44403-04-25 21:36 G | 17939037.31 | 17939037.40 | 17939037.50 | 0.3690 | 0.1126 |
| Mercury | 44408-11-08 12:58 G | 17941060.94 | 17941061.04 | 17941061.14 | 0.3689 | 0.0988 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 44414-05-25 04:19 G | 17943084.63 | 17943084.68 | 17943084.73 | 0.3689 | 0.3131 |
| Mercury | 44440-07-16 10:19 G | 17952633.89 | 17952633.93 | 17952633.97 | 0.3681 | 0.3523 |
| Mercury | 44454-05-17 03:50 G | 17957686.58 | 17957686.66 | 17957686.73 | 0.3690 | 0.2465 |
| Mercury | 44459-11-30 18:58 G | 17959710.19 | 17959710.29 | 17959710.39 | 0.3689 | 0.0360 |
| Mercury | 44465-06-15 10:19 G | 17961733.84 | 17961733.93 | 17961734.02 | 0.3689 | 0.1767 |
| Mercury | 44491-08-07 02:24 G | 17971282.45 | 17971282.60 | 17971282.74 | 0.3681 | 0.1555 |
| Mercury | 44510-12-23 00:58 G | 17978359.45 | 17978359.54 | 17978359.63 | 0.3690 | 0.1702 |
| Mercury | 44516-07-07 16:19 G | 17980383.08 | 17980383.18 | 17980383.28 | 0.3689 | 0.0407 |
| Mercury | 44522-01-21 07:41 G | 17982406.75 | 17982406.82 | 17982406.89 | 0.3689 | 0.2546 |
| Mercury | 44548-03-14 04:48 G | 17991955.55 | 17991955.70 | 17991955.85 | 0.3681 | 0.0930 |
| Mercury | 44562-01-13 07:12 G | 17997008.74 | 17997008.80 | 17997008.85 | 0.3690 | 0.3038 |
| Mercury | 44567-07-29 22:19 G | 17999032.33 | 17999032.43 | 17999032.53 | 0.3690 | 0.0947 |
| Mercury | 44573-02-11 13:41 G | 18001055.97 | 18001056.07 | 18001056.17 | 0.3689 | 0.1180 |
| Mercury | 44578-08-28 05:02 G | 18003079.67 | 18003079.71 | 18003079.75 | 0.3689 | 0.3317 |
| Mercury | 44604-10-20 07:12 G | 18012628.74 | 18012628.80 | 18012628.86 | 0.3681 | 0.3404 |
| Mercury | 44618-08-21 04:19 G | 18017681.61 | 18017681.68 | 18017681.76 | 0.3690 | 0.2292 |
| Mercury | 44624-03-05 19:41 G | 18019705.22 | 18019705.32 | 18019705.42 | 0.3690 | 0.0177 |
| Mercury | 44629-09-19 11:02 G | 18021728.87 | 18021728.96 | 18021729.04 | 0.3689 | 0.1958 |
| Mercury | 44655-11-10 23:17 G | 18031277.33 | 18031277.47 | 18031277.61 | 0.3681 | 0.1684 |
| Mercury | 44669-09-11 10:34 G | 18036330.92 | 18036330.94 | 18036330.96 | 0.3690 | 0.3617 |
| Mercury | 44675-03-28 01:41 G | 18038354.48 | 18038354.57 | 18038354.67 | 0.3690 | 0.1528 |
| Mercury | 44680-10-10 17:02 G | 18040378.11 | 18040378.21 | 18040378.31 | 0.3689 | 0.0602 |
| Mercury | 44686-04-26 08:24 G | 18042401.78 | 18042401.85 | 18042401.92 | 0.3689 | 0.2738 |
| Mercury | 44712-06-18 01:41 G | 18051950.42 | 18051950.57 | 18051950.73 | 0.3681 | 0.0847 |
| Mercury | 44726-04-19 07:55 G | 18057003.77 | 18057003.83 | 18057003.89 | 0.3690 | 0.2856 |
| Mercury | 44731-11-02 23:02 G | 18059027.36 | 18059027.46 | 18059027.56 | 0.3690 | 0.0761 |
| Mercury | 44737-05-18 14:24 G | 18061051.01 | 18061051.10 | 18061051.19 | 0.3689 | 0.1383 |
| Mercury | 44742-12-02 05:46 G | 18063074.71 | 18063074.74 | 18063074.77 | 0.3689 | 0.3522 |
| Mercury | 44769-01-23 04:05 G | 18072623.60 | 18072623.67 | 18072623.74 | 0.3681 | 0.3293 |
| Mercury | 44782-11-24 05:17 G | 18077676.64 | 18077676.72 | 18077676.80 | 0.3690 | 0.2095 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 44788-06-08 20:24 G | 18079700.25 | 18079700.35 | 18079700.45 | 0.3690 | 0.0107 |
| Mercury | 44793-12-23 11:46 G | 18081723.91 | 18081723.99 | 18081724.07 | 0.3689 | 0.2159 |
| Mercury | 44820-02-13 19:55 G | 18091272.20 | 18091272.33 | 18091272.47 | 0.3681 | 0.1860 |
| Mercury | 44833-12-15 11:17 G | 18096325.94 | 18096325.97 | 18096326.01 | 0.3690 | 0.3430 |
| Mercury | 44839-07-01 02:38 G | 18098349.51 | 18098349.61 | 18098349.70 | 0.3690 | 0.1336 |
| Mercury | 44845-01-13 17:46 G | 18100373.14 | 18100373.24 | 18100373.34 | 0.3689 | 0.0806 |
| Mercury | 44850-07-30 09:07 G | 18102396.82 | 18102396.88 | 18102396.94 | 0.3689 | 0.2931 |
| Mercury | 44876-09-19 22:34 G | 18111945.28 | 18111945.44 | 18111945.59 | 0.3681 | 0.0672 |
| Mercury | 44890-07-22 08:38 G | 18116998.79 | 18116998.86 | 18116998.93 | 0.3690 | 0.2674 |
| Mercury | 44896-02-05 00:00 G | 18119022.40 | 18119022.50 | 18119022.59 | 0.3690 | 0.0585 |
| Mercury | 44901-08-21 15:07 G | 18121046.04 | 18121046.13 | 18121046.22 | 0.3689 | 0.1564 |
| Mercury | 44933-04-28 00:58 G | 18132618.47 | 18132618.54 | 18132618.62 | 0.3681 | 0.3209 |
| Mercury | 44947-02-27 06:00 G | 18137671.66 | 18137671.75 | 18137671.83 | 0.3690 | 0.1910 |
| Mercury | 44952-09-11 21:07 G | 18139695.28 | 18139695.38 | 18139695.48 | 0.3689 | 0.0245 |
| Mercury | 44958-03-28 12:29 G | 18141718.94 | 18141719.02 | 18141719.10 | 0.3689 | 0.2346 |
| Mercury | 44984-05-18 16:48 G | 18151267.07 | 18151267.20 | 18151267.34 | 0.3681 | 0.1987 |
| Mercury | 44998-03-20 12:00 G | 18156320.96 | 18156321.00 | 18156321.05 | 0.3690 | 0.3254 |

46TH MILLENNIUM CE

This is a list of transits visible from Venus in the 46th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 45003-10-05 03:22 G | 18158344.54 | 18158344.64 | 18158344.73 | 0.3690 | 0.1140 | | |
| Mercury | 45009-04-19 18:29 G | 18160368.18 | 18160368.27 | 18160368.37 | 0.3689 | 0.0991 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 45014-11-03 09:50 G | 18162391.86 | 18162391.91 | 18162391.96 | 0.3689 | 0.3135 |
| Mercury | 45040-12-24 19:26 G | 18171940.15 | 18171940.31 | 18171940.47 | 0.3681 | 0.0572 |
| Mercury | 45054-10-26 09:22 G | 18176993.82 | 18176993.89 | 18176993.97 | 0.3690 | 0.2486 |
| Mercury | 45060-05-11 00:43 G | 18179017.43 | 18179017.53 | 18179017.63 | 0.3689 | 0.0376 |
| Mercury | 45065-11-24 15:50 G | 18181041.07 | 18181041.16 | 18181041.25 | 0.3689 | 0.1769 |
| Mercury | 45097-07-31 22:05 G | 18192613.34 | 18192613.42 | 18192613.50 | 0.3681 | 0.3114 |
| Mercury | 45111-06-03 06:43 G | 18197666.69 | 18197666.78 | 18197666.87 | 0.3690 | 0.1713 |
| Mercury | 45116-12-16 22:05 G | 18199690.32 | 18199690.42 | 18199690.52 | 0.3689 | 0.0436 |
| Mercury | 45122-07-02 13:12 G | 18201713.98 | 18201714.05 | 18201714.12 | 0.3689 | 0.2552 |
| Mercury | 45148-08-22 13:41 G | 18211261.94 | 18211262.07 | 18211262.20 | 0.3681 | 0.2157 |
| Mercury | 45162-06-24 12:58 G | 18216315.98 | 18216316.04 | 18216316.09 | 0.3690 | 0.3062 |
| Mercury | 45168-01-08 04:05 G | 18218339.57 | 18218339.67 | 18218339.77 | 0.3690 | 0.0943 |
| Mercury | 45173-07-23 19:12 G | 18220363.21 | 18220363.30 | 18220363.40 | 0.3689 | 0.1191 |
| Mercury | 45179-02-06 10:34 G | 18222386.90 | 18222386.94 | 18222386.98 | 0.3689 | 0.3339 |
| Mercury | 45205-03-29 16:19 G | 18231935.02 | 18231935.18 | 18231935.34 | 0.3681 | 0.0434 |
| Mercury | 45219-01-29 10:19 G | 18236988.85 | 18236988.93 | 18236989.00 | 0.3690 | 0.2297 |
| Mercury | 45224-08-14 01:26 G | 18239012.46 | 18239012.56 | 18239012.66 | 0.3690 | 0.0201 |
| Mercury | 45230-02-27 16:34 G | 18241036.11 | 18241036.19 | 18241036.28 | 0.3689 | 0.1968 |
| Mercury | 45261-11-03 18:43 G | 18252608.19 | 18252608.28 | 18252608.38 | 0.3681 | 0.2991 |
| Mercury | 45270-02-19 16:19 G | 18255638.17 | 18255638.18 | 18255638.19 | 0.3690 | 0.3639 |
| Mercury | 45275-09-05 07:26 G | 18257661.72 | 18257661.81 | 18257661.90 | 0.3690 | 0.1535 |
| Mercury | 45281-03-20 22:48 G | 18259685.35 | 18259685.45 | 18259685.55 | 0.3689 | 0.0617 |
| Mercury | 45286-10-04 13:55 G | 18261709.02 | 18261709.08 | 18261709.15 | 0.3689 | 0.2751 |
| Mercury | 45312-11-25 10:34 G | 18271256.81 | 18271256.94 | 18271257.06 | 0.3681 | 0.2284 |
| Mercury | 45326-09-27 13:41 G | 18276311.01 | 18276311.07 | 18276311.13 | 0.3690 | 0.2874 |
| Mercury | 45332-04-12 04:48 G | 18278334.60 | 18278334.70 | 18278334.80 | 0.3690 | 0.0761 |
| Mercury | 45337-10-26 20:10 G | 18280358.24 | 18280358.34 | 18280358.43 | 0.3689 | 0.1391 |
| Mercury | 45343-05-12 11:17 G | 18282381.95 | 18282381.97 | 18282382.00 | 0.3689 | 0.3543 |
| Mercury | 45369-07-02 13:12 G | 18291929.89 | 18291930.05 | 18291930.21 | 0.3681 | 0.0320 |
| Mercury | 45383-05-04 11:02 G | 18296983.88 | 18296983.96 | 18296984.04 | 0.3690 | 0.2107 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 45388-11-17 02:10 G | 18299007.49 | 18299007.59 | 18299007.69 | 0.3689 | 0.0024 |
| Mercury | 45394-06-02 17:31 G | 18301031.14 | 18301031.23 | 18301031.31 | 0.3689 | 0.2178 |
| Mercury | 45426-02-07 15:36 G | 18312603.05 | 18312603.15 | 18312603.25 | 0.3681 | 0.2854 |
| Mercury | 45434-05-26 17:02 G | 18315633.18 | 18315633.21 | 18315633.25 | 0.3690 | 0.3448 |
| Mercury | 45439-12-10 08:24 G | 18317656.75 | 18317656.85 | 18317656.94 | 0.3690 | 0.1344 |
| Mercury | 45445-06-24 23:31 G | 18319680.38 | 18319680.48 | 18319680.58 | 0.3689 | 0.0804 |
| Mercury | 45451-01-08 14:38 G | 18321704.06 | 18321704.11 | 18321704.17 | 0.3689 | 0.2964 |
| Mercury | 45477-02-28 07:12 G | 18331251.68 | 18331251.80 | 18331251.92 | 0.3681 | 0.2473 |
| Mercury | 45490-12-31 14:24 G | 18336306.03 | 18336306.10 | 18336306.17 | 0.3690 | 0.2679 |
| Mercury | 45496-07-16 05:31 G | 18338329.63 | 18338329.73 | 18338329.83 | 0.3690 | 0.0570 |
| Mercury | 45502-01-30 20:53 G | 18340353.28 | 18340353.37 | 18340353.46 | 0.3689 | 0.1589 |
| Mercury | 45533-10-06 09:50 G | 18351924.75 | 18351924.91 | 18351925.07 | 0.3681 | 0.0142 |
| Mercury | 45547-08-08 11:46 G | 18356978.90 | 18356978.99 | 18356979.07 | 0.3690 | 0.1923 |
| Mercury | 45553-02-21 02:53 G | 18359002.52 | 18359002.62 | 18359002.72 | 0.3690 | 0.0226 |
| Mercury | 45558-09-06 18:00 G | 18361026.18 | 18361026.25 | 18361026.33 | 0.3689 | 0.2365 |
| Mercury | 45590-05-13 12:29 G | 18372597.91 | 18372598.02 | 18372598.12 | 0.3681 | 0.2747 |
| Mercury | 45598-08-29 17:46 G | 18375628.20 | 18375628.24 | 18375628.29 | 0.3690 | 0.3274 |
| Mercury | 45604-03-14 09:07 G | 18377651.78 | 18377651.88 | 18377651.97 | 0.3690 | 0.1153 |
| Mercury | 45609-09-28 00:14 G | 18379675.41 | 18379675.51 | 18379675.61 | 0.3689 | 0.0998 |
| Mercury | 45615-04-13 15:22 G | 18381699.09 | 18381699.14 | 18381699.19 | 0.3689 | 0.3154 |
| Mercury | 45641-06-03 04:05 G | 18391246.55 | 18391246.67 | 18391246.78 | 0.3681 | 0.2615 |
| Mercury | 45655-04-05 15:07 G | 18396301.06 | 18396301.13 | 18396301.20 | 0.3690 | 0.2501 |
| Mercury | 45660-10-19 06:29 G | 18398324.66 | 18398324.77 | 18398324.87 | 0.3689 | 0.0399 |
| Mercury | 45666-05-04 21:36 G | 18400348.31 | 18400348.40 | 18400348.49 | 0.3689 | 0.1782 |
| Mercury | 45698-01-08 06:43 G | 18411919.62 | 18411919.78 | 18411919.94 | 0.3681 | 0.0071 |
| Mercury | 45711-11-11 12:29 G | 18416973.93 | 18416974.02 | 18416974.11 | 0.3690 | 0.1723 |
| Mercury | 45717-05-27 03:36 G | 18418997.55 | 18418997.65 | 18418997.75 | 0.3689 | 0.0451 |
| Mercury | 45722-12-10 18:58 G | 18421021.22 | 18421021.29 | 18421021.36 | 0.3689 | 0.2572 |
| Mercury | 45754-08-16 09:07 G | 18432592.77 | 18432592.88 | 18432593.00 | 0.3681 | 0.2620 |
| Mercury | 45762-12-02 18:43 G | 18435623.22 | 18435623.28 | 18435623.33 | 0.3690 | 0.3076 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 45768-06-17 09:50 G | 18437646.81 | 18437646.91 | 18437647.01 | 0.3690 | 0.0940 |
| Mercury | 45774-01-01 00:58 G | 18439670.45 | 18439670.54 | 18439670.64 | 0.3689 | 0.1205 |
| Mercury | 45779-07-17 16:19 G | 18441694.14 | 18441694.18 | 18441694.21 | 0.3689 | 0.3364 |
| Mercury | 45805-09-07 00:43 G | 18451241.42 | 18451241.53 | 18451241.63 | 0.3681 | 0.2807 |
| Mercury | 45819-07-10 16:05 G | 18456296.09 | 18456296.17 | 18456296.24 | 0.3690 | 0.2310 |
| Mercury | 45825-01-23 07:12 G | 18458319.70 | 18458319.80 | 18458319.90 | 0.3689 | 0.0174 |
| Mercury | 45830-08-08 22:19 G | 18460343.35 | 18460343.43 | 18460343.51 | 0.3689 | 0.1980 |
| Mercury | 45862-04-14 03:22 G | 18471914.48 | 18471914.64 | 18471914.80 | 0.3681 | 0.0152 |
| Mercury | 45870-07-31 22:05 G | 18474945.41 | 18474945.42 | 18474945.43 | 0.3690 | 0.3658 |
| Mercury | 45876-02-14 13:12 G | 18476968.96 | 18476969.05 | 18476969.14 | 0.3690 | 0.1530 |
| Mercury | 45881-08-30 04:19 G | 18478992.58 | 18478992.68 | 18478992.78 | 0.3689 | 0.0623 |
| Mercury | 45887-03-15 19:41 G | 18481016.25 | 18481016.32 | 18481016.38 | 0.3689 | 0.2774 |
| Mercury | 45918-11-20 06:00 G | 18492587.63 | 18492587.75 | 18492587.87 | 0.3681 | 0.2495 |
| Mercury | 45927-03-08 19:26 G | 18495618.25 | 18495618.31 | 18495618.37 | 0.3690 | 0.2887 |
| Mercury | 45932-09-21 10:34 G | 18497641.84 | 18497641.94 | 18497642.04 | 0.3689 | 0.0752 |
| Mercury | 45938-04-07 01:41 G | 18499665.48 | 18499665.57 | 18499665.67 | 0.3689 | 0.1396 |
| Mercury | 45943-10-21 17:02 G | 18501689.19 | 18501689.21 | 18501689.23 | 0.3689 | 0.3569 |
| Mercury | 45969-12-10 21:22 G | 18511236.30 | 18511236.39 | 18511236.49 | 0.3681 | 0.2947 |
| Mercury | 45983-10-13 16:48 G | 18516291.12 | 18516291.20 | 18516291.28 | 0.3690 | 0.2108 |
| Mercury | 45989-04-28 07:55 G | 18518314.73 | 18518314.83 | 18518314.93 | 0.3689 | 0.0057 |
| Mercury | 45994-11-11 23:02 G | 18520338.38 | 18520338.46 | 18520338.54 | 0.3689 | 0.2191 |

47TH MILLENNIUM CE

This is a list of transits visible from Venus in the 47th millennium CE.

| | | | | | | | | |
|--------|------|---|-------|-----|-----|--------|-------|---|
| PLANET | MAX- | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|------|---|-------|-----|-----|--------|-------|---|

TRANSIT

TIME

| | | | | | | |
|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 46026-07-18 00:00 G | 18531909.34 | 18531909.50 | 18531909.67 | 0.3681 | 0.0301 |
| Mercury | 46034-11-03 22:48 G | 18534940.42 | 18534940.45 | 18534940.49 | 0.3690 | 0.3467 |
| Mercury | 46040-05-19 14:10 G | 18536963.99 | 18536964.09 | 18536964.18 | 0.3690 | 0.1335 |
| Mercury | 46045-12-03 05:17 G | 18538987.62 | 18538987.72 | 18538987.81 | 0.3689 | 0.0822 |
| Mercury | 46051-06-18 20:24 G | 18541011.29 | 18541011.35 | 18541011.41 | 0.3689 | 0.2986 |
| Mercury | 46083-02-22 02:38 G | 18552582.49 | 18552582.61 | 18552582.73 | 0.3681 | 0.2337 |
| Mercury | 46091-06-10 20:10 G | 18555613.28 | 18555613.34 | 18555613.41 | 0.3690 | 0.2687 |
| Mercury | 46096-12-24 11:17 G | 18557636.87 | 18557636.97 | 18557637.07 | 0.3689 | 0.0564 |
| Mercury | 46102-07-11 02:38 G | 18559660.52 | 18559660.61 | 18559660.70 | 0.3689 | 0.1613 |
| Mercury | 46134-03-15 18:00 G | 18571231.17 | 18571231.25 | 18571231.33 | 0.3681 | 0.3164 |
| Mercury | 46148-01-16 17:31 G | 18576286.15 | 18576286.23 | 18576286.32 | 0.3690 | 0.1905 |
| Mercury | 46153-08-01 08:38 G | 18578309.76 | 18578309.86 | 18578309.96 | 0.3689 | 0.0230 |
| Mercury | 46159-02-14 23:46 G | 18580333.42 | 18580333.49 | 18580333.57 | 0.3689 | 0.2403 |
| Mercury | 46190-10-20 20:38 G | 18591904.20 | 18591904.36 | 18591904.52 | 0.3681 | 0.0471 |
| Mercury | 46199-02-06 23:46 G | 18594935.44 | 18594935.49 | 18594935.53 | 0.3690 | 0.3269 |
| Mercury | 46204-08-23 14:53 G | 18596959.02 | 18596959.12 | 18596959.21 | 0.3690 | 0.1145 |
| Mercury | 46210-03-09 06:00 G | 18598982.65 | 18598982.75 | 18598982.85 | 0.3689 | 0.1018 |
| Mercury | 46215-09-22 21:07 G | 18601006.33 | 18601006.38 | 18601006.43 | 0.3689 | 0.3182 |
| Mercury | 46247-05-28 23:31 G | 18612577.35 | 18612577.48 | 18612577.61 | 0.3681 | 0.2220 |
| Mercury | 46255-09-14 20:53 G | 18615608.30 | 18615608.37 | 18615608.45 | 0.3690 | 0.2504 |
| Mercury | 46261-03-30 12:00 G | 18617631.90 | 18617632.00 | 18617632.10 | 0.3689 | 0.0382 |
| Mercury | 46266-10-14 03:22 G | 18619655.55 | 18619655.64 | 18619655.72 | 0.3689 | 0.1813 |
| Mercury | 46298-06-18 14:38 G | 18631226.05 | 18631226.11 | 18631226.18 | 0.3681 | 0.3313 |
| Mercury | 46312-04-21 18:14 G | 18636281.17 | 18636281.26 | 18636281.35 | 0.3690 | 0.1723 |
| Mercury | 46317-11-05 09:22 G | 18638304.79 | 18638304.89 | 18638304.99 | 0.3689 | 0.0448 |
| Mercury | 46323-05-22 00:43 G | 18640328.46 | 18640328.53 | 18640328.60 | 0.3689 | 0.2606 |
| Mercury | 46355-01-24 17:31 G | 18651899.07 | 18651899.23 | 18651899.39 | 0.3681 | 0.0616 |
| Mercury | 46363-05-14 00:29 G | 18654930.47 | 18654930.52 | 18654930.57 | 0.3690 | 0.3076 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 46368-11-26 15:36 G | 18656954.05 | 18656954.15 | 18656954.25 | 0.3689 | 0.0935 |
| Mercury | 46374-06-12 06:43 G | 18658977.69 | 18658977.78 | 18658977.88 | 0.3689 | 0.1232 |
| Mercury | 46379-12-26 21:50 G | 18661001.38 | 18661001.41 | 18661001.45 | 0.3689 | 0.3398 |
| Mercury | 46411-08-31 20:10 G | 18672572.21 | 18672572.34 | 18672572.47 | 0.3681 | 0.2070 |
| Mercury | 46419-12-18 21:50 G | 18675603.33 | 18675603.41 | 18675603.49 | 0.3690 | 0.2298 |
| Mercury | 46425-07-03 12:58 G | 18677626.94 | 18677627.04 | 18677627.14 | 0.3689 | 0.0166 |
| Mercury | 46431-01-17 04:05 G | 18679650.59 | 18679650.67 | 18679650.75 | 0.3689 | 0.2021 |
| Mercury | 46462-09-21 11:17 G | 18691220.92 | 18691220.97 | 18691221.01 | 0.3681 | 0.3517 |
| Mercury | 46471-01-09 04:05 G | 18694252.66 | 18694252.67 | 18694252.68 | 0.3690 | 0.3656 |
| Mercury | 46476-07-24 18:58 G | 18696276.20 | 18696276.29 | 18696276.39 | 0.3690 | 0.1529 |
| Mercury | 46482-02-07 10:19 G | 18698299.83 | 18698299.93 | 18698300.03 | 0.3689 | 0.0656 |
| Mercury | 46487-08-24 01:26 G | 18700323.49 | 18700323.56 | 18700323.62 | 0.3689 | 0.2806 |
| Mercury | 46519-04-29 14:10 G | 18711893.93 | 18711894.09 | 18711894.24 | 0.3681 | 0.0793 |
| Mercury | 46527-08-17 01:12 G | 18714925.49 | 18714925.55 | 18714925.61 | 0.3690 | 0.2887 |
| Mercury | 46533-03-01 16:19 G | 18716949.08 | 18716949.18 | 18716949.28 | 0.3690 | 0.0738 |
| Mercury | 46538-09-15 07:26 G | 18718972.72 | 18718972.81 | 18718972.90 | 0.3689 | 0.1423 |
| Mercury | 46544-03-30 22:34 G | 18720996.43 | 18720996.44 | 18720996.46 | 0.3689 | 0.3600 |
| Mercury | 46575-12-04 16:48 G | 18732567.07 | 18732567.20 | 18732567.34 | 0.3681 | 0.1939 |
| Mercury | 46584-03-22 22:34 G | 18735598.36 | 18735598.44 | 18735598.52 | 0.3690 | 0.2106 |
| Mercury | 46589-10-06 13:41 G | 18737621.97 | 18737622.07 | 18737622.17 | 0.3689 | 0.0053 |
| Mercury | 46595-04-22 04:48 G | 18739645.62 | 18739645.70 | 18739645.78 | 0.3689 | 0.2215 |
| Mercury | 46626-12-26 07:55 G | 18751215.82 | 18751215.83 | 18751215.84 | 0.3681 | 0.3669 |
| Mercury | 46635-04-15 04:48 G | 18754247.67 | 18754247.70 | 18754247.73 | 0.3690 | 0.3471 |
| Mercury | 46640-10-28 19:55 G | 18756271.23 | 18756271.33 | 18756271.42 | 0.3689 | 0.1319 |
| Mercury | 46646-05-14 11:02 G | 18758294.86 | 18758294.96 | 18758295.05 | 0.3689 | 0.0849 |
| Mercury | 46651-11-28 02:10 G | 18760318.53 | 18760318.59 | 18760318.64 | 0.3689 | 0.3016 |
| Mercury | 46683-08-02 10:48 G | 18771888.79 | 18771888.95 | 18771889.11 | 0.3681 | 0.0932 |
| Mercury | 46691-11-20 02:10 G | 18774920.52 | 18774920.59 | 18774920.65 | 0.3690 | 0.2689 |
| Mercury | 46697-06-04 17:17 G | 18776944.12 | 18776944.22 | 18776944.31 | 0.3689 | 0.0550 |
| Mercury | 46702-12-20 08:24 G | 18778967.76 | 18778967.85 | 18778967.94 | 0.3689 | 0.1643 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 46740-03-09 13:26 G | 18792561.92 | 18792562.06 | 18792562.20 | 0.3681 | 0.1747 |
| Mercury | 46748-06-26 23:17 G | 18795593.39 | 18795593.47 | 18795593.56 | 0.3690 | 0.1901 |
| Mercury | 46754-01-10 14:24 G | 18797617.00 | 18797617.10 | 18797617.20 | 0.3689 | 0.0277 |
| Mercury | 46759-07-27 05:31 G | 18799640.66 | 18799640.73 | 18799640.81 | 0.3689 | 0.2431 |
| Mercury | 46799-07-19 05:31 G | 18814242.69 | 18814242.73 | 18814242.78 | 0.3690 | 0.3268 |
| Mercury | 46805-01-31 20:38 G | 18816266.26 | 18816266.36 | 18816266.46 | 0.3689 | 0.1112 |
| Mercury | 46810-08-17 11:46 G | 18818289.89 | 18818289.99 | 18818290.09 | 0.3689 | 0.1046 |
| Mercury | 46816-03-02 02:53 G | 18820313.57 | 18820313.62 | 18820313.67 | 0.3689 | 0.3228 |
| Mercury | 46847-11-05 07:12 G | 18831883.65 | 18831883.80 | 18831883.96 | 0.3681 | 0.1134 |
| Mercury | 46856-02-23 02:53 G | 18834915.55 | 18834915.62 | 18834915.69 | 0.3690 | 0.2484 |
| Mercury | 46861-09-07 18:00 G | 18836939.15 | 18836939.25 | 18836939.35 | 0.3689 | 0.0360 |
| Mercury | 46867-03-24 09:07 G | 18838962.79 | 18838962.88 | 18838962.96 | 0.3689 | 0.1844 |
| Mercury | 46904-06-12 10:05 G | 18852556.78 | 18852556.92 | 18852557.07 | 0.3681 | 0.1614 |
| Mercury | 46912-09-30 00:00 G | 18855588.42 | 18855588.50 | 18855588.59 | 0.3689 | 0.1713 |
| Mercury | 46918-04-15 15:07 G | 18857612.03 | 18857612.13 | 18857612.23 | 0.3689 | 0.0470 |
| Mercury | 46923-10-30 06:14 G | 18859635.70 | 18859635.76 | 18859635.83 | 0.3689 | 0.2644 |
| Mercury | 46963-10-22 06:14 G | 18874237.71 | 18874237.76 | 18874237.82 | 0.3690 | 0.3073 |
| Mercury | 46969-05-06 21:22 G | 18876261.29 | 18876261.39 | 18876261.49 | 0.3689 | 0.0921 |
| Mercury | 46974-11-20 12:29 G | 18878284.93 | 18878285.02 | 18878285.12 | 0.3689 | 0.1259 |
| Mercury | 46980-06-05 03:36 G | 18880308.62 | 18880308.65 | 18880308.69 | 0.3689 | 0.3444 |

48TH MILLENNIUM CE

This is a list of transits visible from Venus in the 48th millennium CE.

| PLANET | MAX- TRANSIT | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|-----------------|---|-------|-----|-----|--------|-------|---|
|--------|-----------------|---|-------|-----|-----|--------|-------|---|

TIME

| | | | | | | |
|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 47012-02-09 03:50 G | 18891878.51 | 18891878.66 | 18891878.81 | 0.3681 | 0.1318 |
| Mercury | 47020-05-29 03:36 G | 18894910.57 | 18894910.65 | 18894910.73 | 0.3689 | 0.2284 |
| Mercury | 47025-12-12 18:43 G | 18896934.18 | 18896934.28 | 18896934.38 | 0.3689 | 0.0126 |
| Mercury | 47031-06-28 09:50 G | 18898957.83 | 18898957.91 | 18898957.99 | 0.3689 | 0.2058 |
| Mercury | 47068-09-15 06:43 G | 18912551.63 | 18912551.78 | 18912551.93 | 0.3682 | 0.1448 |
| Mercury | 47071-06-20 09:50 G | 18913559.90 | 18913559.91 | 18913559.92 | 0.3690 | 0.3649 |
| Mercury | 47077-01-03 00:58 G | 18915583.45 | 18915583.54 | 18915583.63 | 0.3689 | 0.1499 |
| Mercury | 47082-07-19 16:05 G | 18917607.07 | 18917607.17 | 18917607.27 | 0.3689 | 0.0679 |
| Mercury | 47088-02-02 07:12 G | 18919630.74 | 18919630.80 | 18919630.86 | 0.3689 | 0.2858 |
| Mercury | 47128-01-26 07:12 G | 18934232.74 | 18934232.80 | 18934232.86 | 0.3690 | 0.2866 |
| Mercury | 47133-08-10 22:05 G | 18936256.33 | 18936256.42 | 18936256.52 | 0.3689 | 0.0728 |
| Mercury | 47139-02-24 13:12 G | 18938279.96 | 18938280.05 | 18938280.15 | 0.3689 | 0.1479 |
| Mercury | 47144-09-09 04:19 G | 18940303.67 | 18940303.68 | 18940303.69 | 0.3689 | 0.3648 |
| Mercury | 47176-05-14 00:29 G | 18951873.37 | 18951873.52 | 18951873.67 | 0.3681 | 0.1492 |
| Mercury | 47184-09-01 04:19 G | 18954905.60 | 18954905.68 | 18954905.76 | 0.3690 | 0.2094 |
| Mercury | 47190-03-17 19:26 G | 18956929.21 | 18956929.31 | 18956929.41 | 0.3689 | 0.0107 |
| Mercury | 47195-10-01 10:34 G | 18958952.86 | 18958952.94 | 18958953.02 | 0.3689 | 0.2256 |
| Mercury | 47232-12-19 03:22 G | 18972546.49 | 18972546.64 | 18972546.79 | 0.3681 | 0.1312 |
| Mercury | 47235-09-23 10:34 G | 18973554.91 | 18973554.94 | 18973554.97 | 0.3690 | 0.3465 |
| Mercury | 47241-04-08 01:41 G | 18975578.48 | 18975578.57 | 18975578.66 | 0.3689 | 0.1301 |
| Mercury | 47246-10-22 16:48 G | 18977602.10 | 18977602.20 | 18977602.30 | 0.3689 | 0.0878 |
| Mercury | 47252-05-07 07:55 G | 18979625.77 | 18979625.83 | 18979625.88 | 0.3689 | 0.3059 |
| Mercury | 47292-04-29 07:55 G | 18994227.76 | 18994227.83 | 18994227.90 | 0.3689 | 0.2678 |
| Mercury | 47297-11-12 23:02 G | 18996251.36 | 18996251.46 | 18996251.56 | 0.3689 | 0.0509 |
| Mercury | 47303-05-30 14:10 G | 18998275.00 | 18998275.09 | 18998275.18 | 0.3689 | 0.1680 |
| Mercury | 47340-08-16 21:07 G | 19011868.23 | 19011868.38 | 19011868.52 | 0.3681 | 0.1643 |
| Mercury | 47348-12-05 05:17 G | 19014900.63 | 19014900.72 | 19014900.80 | 0.3689 | 0.1886 |
| Mercury | 47354-06-20 20:24 G | 19016924.25 | 19016924.35 | 19016924.45 | 0.3689 | 0.0332 |
| Mercury | 47360-01-04 11:17 G | 19018947.90 | 19018947.97 | 19018948.05 | 0.3689 | 0.2482 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 47397-03-23 23:46 G | 19032541.34 | 19032541.49 | 19032541.65 | 0.3681 | 0.1106 |
| Mercury | 47399-12-27 11:31 G | 19033549.93 | 19033549.98 | 19033550.02 | 0.3690 | 0.3259 |
| Mercury | 47405-07-13 02:24 G | 19035573.51 | 19035573.60 | 19035573.70 | 0.3689 | 0.1093 |
| Mercury | 47411-01-26 17:31 G | 19037597.14 | 19037597.23 | 19037597.33 | 0.3689 | 0.1096 |
| Mercury | 47416-08-11 08:38 G | 19039620.82 | 19039620.86 | 19039620.90 | 0.3689 | 0.3278 |
| Mercury | 47456-08-03 08:38 G | 19054222.79 | 19054222.86 | 19054222.94 | 0.3690 | 0.2472 |
| Mercury | 47462-02-16 23:46 G | 19056246.39 | 19056246.49 | 19056246.59 | 0.3689 | 0.0293 |
| Mercury | 47467-09-02 14:53 G | 19058270.03 | 19058270.12 | 19058270.20 | 0.3689 | 0.1883 |
| Mercury | 47504-11-20 17:31 G | 19071863.09 | 19071863.23 | 19071863.37 | 0.3681 | 0.1849 |
| Mercury | 47513-03-11 06:00 G | 19074895.66 | 19074895.75 | 19074895.84 | 0.3690 | 0.1676 |
| Mercury | 47518-09-24 21:07 G | 19076919.28 | 19076919.38 | 19076919.48 | 0.3689 | 0.0515 |
| Mercury | 47524-04-09 12:00 G | 19078942.94 | 19078943.00 | 19078943.07 | 0.3689 | 0.2691 |
| Mercury | 47561-06-27 20:24 G | 19092536.20 | 19092536.35 | 19092536.51 | 0.3681 | 0.0967 |
| Mercury | 47564-04-01 12:14 G | 19093544.95 | 19093545.01 | 19093545.06 | 0.3690 | 0.3061 |
| Mercury | 47569-10-16 03:22 G | 19095568.54 | 19095568.64 | 19095568.73 | 0.3689 | 0.0898 |
| Mercury | 47575-05-01 18:14 G | 19097592.17 | 19097592.26 | 19097592.36 | 0.3689 | 0.1295 |
| Mercury | 47580-11-14 09:22 G | 19099615.86 | 19099615.89 | 19099615.92 | 0.3688 | 0.3497 |
| Mercury | 47620-11-06 09:36 G | 19114217.82 | 19114217.90 | 19114217.97 | 0.3689 | 0.2267 |
| Mercury | 47626-05-23 00:29 G | 19116241.42 | 19116241.52 | 19116241.62 | 0.3689 | 0.0131 |
| Mercury | 47631-12-06 15:36 G | 19118265.07 | 19118265.15 | 19118265.23 | 0.3689 | 0.2102 |
| Mercury | 47669-02-22 13:55 G | 19131857.95 | 19131858.08 | 19131858.22 | 0.3681 | 0.2060 |
| Mercury | 47671-11-28 15:36 G | 19132867.14 | 19132867.15 | 19132867.17 | 0.3690 | 0.3647 |
| Mercury | 47677-06-13 06:43 G | 19134890.69 | 19134890.78 | 19134890.87 | 0.3689 | 0.1468 |
| Mercury | 47682-12-27 21:50 G | 19136914.31 | 19136914.41 | 19136914.51 | 0.3689 | 0.0711 |
| Mercury | 47688-07-12 12:58 G | 19138937.98 | 19138938.04 | 19138938.10 | 0.3689 | 0.2911 |
| Mercury | 47725-09-30 16:48 G | 19152531.05 | 19152531.20 | 19152531.36 | 0.3682 | 0.0773 |
| Mercury | 47728-07-05 12:58 G | 19153539.98 | 19153540.04 | 19153540.10 | 0.3690 | 0.2849 |
| Mercury | 47734-01-19 04:05 G | 19155563.57 | 19155563.67 | 19155563.77 | 0.3689 | 0.0671 |
| Mercury | 47739-08-04 19:12 G | 19157587.21 | 19157587.30 | 19157587.39 | 0.3689 | 0.1517 |
| Mercury | 47782-05-07 19:41 G | 19173204.29 | 19173204.32 | 19173204.36 | 0.3682 | 0.3573 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 47785-02-09 10:19 G | 19174212.85 | 19174212.93 | 19174213.01 | 0.3689 | 0.2051 |
| Mercury | 47790-08-26 01:12 G | 19176236.45 | 19176236.55 | 19176236.65 | 0.3689 | 0.0198 |
| Mercury | 47796-03-10 16:19 G | 19178260.11 | 19178260.18 | 19178260.26 | 0.3689 | 0.2323 |
| Mercury | 47833-05-29 10:34 G | 19191852.81 | 19191852.94 | 19191853.07 | 0.3681 | 0.2233 |
| Mercury | 47836-03-03 16:34 G | 19192862.16 | 19192862.19 | 19192862.22 | 0.3690 | 0.3439 |
| Mercury | 47841-09-17 07:26 G | 19194885.72 | 19194885.81 | 19194885.91 | 0.3689 | 0.1277 |
| Mercury | 47847-04-02 22:34 G | 19196909.35 | 19196909.44 | 19196909.54 | 0.3689 | 0.0924 |
| Mercury | 47852-10-16 13:41 G | 19198933.02 | 19198933.07 | 19198933.12 | 0.3688 | 0.3117 |
| Mercury | 47890-01-03 13:26 G | 19212525.90 | 19212526.06 | 19212526.22 | 0.3682 | 0.0618 |
| Mercury | 47892-10-08 13:41 G | 19213535.01 | 19213535.07 | 19213535.14 | 0.3689 | 0.2655 |
| Mercury | 47898-04-24 04:48 G | 19215558.60 | 19215558.70 | 19215558.80 | 0.3689 | 0.0471 |
| Mercury | 47903-11-08 19:55 G | 19217582.24 | 19217582.33 | 19217582.42 | 0.3689 | 0.1730 |
| Mercury | 47946-08-11 16:19 G | 19233199.13 | 19233199.18 | 19233199.24 | 0.3682 | 0.3442 |
| Mercury | 47949-05-16 11:02 G | 19234207.87 | 19234207.96 | 19234208.05 | 0.3689 | 0.1856 |
| Mercury | 47954-11-30 02:10 G | 19236231.49 | 19236231.59 | 19236231.69 | 0.3689 | 0.0341 |
| Mercury | 47960-06-14 17:17 G | 19238255.15 | 19238255.22 | 19238255.29 | 0.3688 | 0.2537 |
| Mercury | 47997-09-01 07:12 G | 19251847.68 | 19251847.80 | 19251847.92 | 0.3681 | 0.2418 |
| Mercury | 48000-06-06 17:17 G | 19252857.18 | 19252857.22 | 19252857.27 | 0.3689 | 0.3234 |

49TH MILLENNIUM CE

This is a list of transits visible from Venus in the 49th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 48005-12-21 08:24 G | | 19254880.75 | 19254880.85 | 19254880.94 | 0.3689 | 0.1057 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 48011-07-06 23:31 G | 19256904.38 | 19256904.48 | 19256904.57 | 0.3689 | 0.1155 |
| Mercury | 48017-01-19 14:24 G | 19258928.06 | 19258928.10 | 19258928.14 | 0.3688 | 0.3343 |
| Mercury | 48054-04-08 09:50 G | 19272520.75 | 19272520.91 | 19272521.07 | 0.3682 | 0.0401 |
| Mercury | 48057-01-11 14:38 G | 19273530.03 | 19273530.11 | 19273530.18 | 0.3689 | 0.2437 |
| Mercury | 48062-07-28 05:31 G | 19275553.63 | 19275553.73 | 19275553.83 | 0.3689 | 0.0296 |
| Mercury | 48068-02-10 20:38 G | 19277577.28 | 19277577.36 | 19277577.45 | 0.3689 | 0.1952 |
| Mercury | 48110-11-14 12:43 G | 19293193.96 | 19293194.03 | 19293194.11 | 0.3682 | 0.3255 |
| Mercury | 48113-08-19 11:46 G | 19294202.91 | 19294202.99 | 19294203.08 | 0.3689 | 0.1651 |
| Mercury | 48119-03-05 02:53 G | 19296226.52 | 19296226.62 | 19296226.72 | 0.3689 | 0.0558 |
| Mercury | 48124-09-17 18:00 G | 19298250.18 | 19298250.25 | 19298250.31 | 0.3688 | 0.2744 |
| Mercury | 48161-12-05 03:36 G | 19311842.54 | 19311842.65 | 19311842.76 | 0.3681 | 0.2627 |
| Mercury | 48164-09-09 18:00 G | 19312852.20 | 19312852.25 | 19312852.31 | 0.3689 | 0.3037 |
| Mercury | 48170-03-26 09:07 G | 19314875.78 | 19314875.88 | 19314875.98 | 0.3689 | 0.0844 |
| Mercury | 48175-10-10 00:14 G | 19316899.41 | 19316899.51 | 19316899.60 | 0.3689 | 0.1354 |
| Mercury | 48181-04-24 15:07 G | 19318923.11 | 19318923.13 | 19318923.16 | 0.3688 | 0.3554 |
| Mercury | 48218-07-13 06:29 G | 19332515.61 | 19332515.77 | 19332515.93 | 0.3682 | 0.0261 |
| Mercury | 48221-04-17 15:22 G | 19333525.06 | 19333525.14 | 19333525.22 | 0.3689 | 0.2237 |
| Mercury | 48226-11-01 06:29 G | 19335548.67 | 19335548.77 | 19335548.87 | 0.3689 | 0.0114 |
| Mercury | 48232-05-16 21:22 G | 19337572.31 | 19337572.39 | 19337572.47 | 0.3688 | 0.2157 |
| Mercury | 48272-05-08 21:36 G | 19352174.39 | 19352174.40 | 19352174.41 | 0.3689 | 0.3625 |
| Mercury | 48275-02-17 09:22 G | 19353188.80 | 19353188.89 | 19353188.98 | 0.3682 | 0.3090 |
| Mercury | 48277-11-22 12:43 G | 19354197.94 | 19354198.03 | 19354198.12 | 0.3689 | 0.1433 |
| Mercury | 48283-06-08 03:36 G | 19356221.56 | 19356221.65 | 19356221.75 | 0.3689 | 0.0777 |
| Mercury | 48288-12-21 18:43 G | 19358245.22 | 19358245.28 | 19358245.34 | 0.3688 | 0.2967 |
| Mercury | 48326-03-11 00:00 G | 19371837.40 | 19371837.50 | 19371837.60 | 0.3682 | 0.2843 |
| Mercury | 48328-12-14 18:58 G | 19372847.23 | 19372847.29 | 19372847.35 | 0.3689 | 0.2822 |
| Mercury | 48334-06-30 09:50 G | 19374870.82 | 19374870.91 | 19374871.01 | 0.3689 | 0.0646 |
| Mercury | 48340-01-14 00:58 G | 19376894.45 | 19376894.54 | 19376894.63 | 0.3688 | 0.1573 |
| Mercury | 48382-10-16 02:53 G | 19392510.46 | 19392510.62 | 19392510.78 | 0.3682 | 0.0044 |
| Mercury | 48385-07-21 16:05 G | 19393520.09 | 19393520.17 | 19393520.26 | 0.3689 | 0.2024 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 48391-02-04 07:12 G | 19395543.70 | 19395543.80 | 19395543.90 | 0.3689 | 0.0182 |
| Mercury | 48396-08-19 22:19 G | 19397567.35 | 19397567.43 | 19397567.50 | 0.3688 | 0.2381 |
| Mercury | 48436-08-11 22:19 G | 19412169.40 | 19412169.43 | 19412169.47 | 0.3689 | 0.3416 |
| Mercury | 48439-05-23 05:46 G | 19413183.64 | 19413183.74 | 19413183.84 | 0.3682 | 0.2912 |
| Mercury | 48442-02-25 13:26 G | 19414192.97 | 19414193.06 | 19414193.15 | 0.3689 | 0.1216 |
| Mercury | 48447-09-11 04:34 G | 19416216.59 | 19416216.69 | 19416216.78 | 0.3689 | 0.0988 |
| Mercury | 48453-03-26 19:26 G | 19418240.27 | 19418240.31 | 19418240.36 | 0.3688 | 0.3190 |
| Mercury | 48490-06-12 20:24 G | 19431832.26 | 19431832.35 | 19431832.45 | 0.3682 | 0.3022 |
| Mercury | 48493-03-18 19:41 G | 19432842.25 | 19432842.32 | 19432842.39 | 0.3689 | 0.2612 |
| Mercury | 48498-10-02 10:48 G | 19434865.85 | 19434865.95 | 19434866.05 | 0.3689 | 0.0450 |
| Mercury | 48504-04-18 01:41 G | 19436889.49 | 19436889.57 | 19436889.66 | 0.3688 | 0.1787 |
| Mercury | 48547-01-18 23:31 G | 19452505.31 | 19452505.48 | 19452505.64 | 0.3682 | 0.0130 |
| Mercury | 48549-10-24 17:02 G | 19453515.12 | 19453515.21 | 19453515.29 | 0.3689 | 0.1819 |
| Mercury | 48555-05-10 07:55 G | 19455538.73 | 19455538.83 | 19455538.93 | 0.3689 | 0.0390 |
| Mercury | 48560-11-22 23:02 G | 19457562.39 | 19457562.46 | 19457562.53 | 0.3688 | 0.2600 |
| Mercury | 48600-11-15 23:17 G | 19472164.42 | 19472164.47 | 19472164.52 | 0.3689 | 0.3202 |
| Mercury | 48603-08-27 02:24 G | 19473178.49 | 19473178.60 | 19473178.70 | 0.3682 | 0.2769 |
| Mercury | 48606-06-01 14:10 G | 19474188.00 | 19474188.09 | 19474188.19 | 0.3689 | 0.1015 |
| Mercury | 48611-12-16 05:17 G | 19476211.63 | 19476211.72 | 19476211.81 | 0.3688 | 0.1199 |
| Mercury | 48617-06-30 20:24 G | 19478235.31 | 19478235.35 | 19478235.38 | 0.3688 | 0.3417 |
| Mercury | 48654-09-16 17:02 G | 19491827.13 | 19491827.21 | 19491827.28 | 0.3682 | 0.3220 |
| Mercury | 48657-06-22 20:24 G | 19492837.28 | 19492837.35 | 19492837.43 | 0.3689 | 0.2402 |
| Mercury | 48663-01-06 11:31 G | 19494860.88 | 19494860.98 | 19494861.08 | 0.3689 | 0.0200 |
| Mercury | 48668-07-22 02:38 G | 19496884.52 | 19496884.61 | 19496884.69 | 0.3688 | 0.2018 |
| Mercury | 48711-04-24 19:55 G | 19512500.16 | 19512500.33 | 19512500.49 | 0.3682 | 0.0352 |
| Mercury | 48714-01-28 17:46 G | 19513510.15 | 19513510.24 | 19513510.33 | 0.3689 | 0.1595 |
| Mercury | 48719-08-14 08:53 G | 19515533.77 | 19515533.87 | 19515533.96 | 0.3689 | 0.0624 |
| Mercury | 48725-02-26 23:46 G | 19517557.43 | 19517557.49 | 19517557.56 | 0.3688 | 0.2827 |
| Mercury | 48765-02-19 00:00 G | 19532159.45 | 19532159.50 | 19532159.56 | 0.3689 | 0.2988 |
| Mercury | 48767-11-29 22:48 G | 19533173.33 | 19533173.45 | 19533173.56 | 0.3682 | 0.2555 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 48770-09-04 15:07 G | 19534183.03 | 19534183.13 | 19534183.22 | 0.3689 | 0.0808 |
| Mercury | 48776-03-20 06:00 G | 19536206.66 | 19536206.75 | 19536206.84 | 0.3688 | 0.1424 |
| Mercury | 48781-10-03 21:07 G | 19538230.36 | 19538230.38 | 19538230.39 | 0.3688 | 0.3628 |
| Mercury | 48818-12-20 13:26 G | 19551822.00 | 19551822.06 | 19551822.12 | 0.3682 | 0.3418 |
| Mercury | 48821-09-25 21:22 G | 19552832.31 | 19552832.39 | 19552832.47 | 0.3689 | 0.2202 |
| Mercury | 48827-04-11 12:14 G | 19554855.91 | 19554856.01 | 19554856.11 | 0.3689 | 0.0081 |
| Mercury | 48832-10-25 03:22 G | 19556879.56 | 19556879.64 | 19556879.72 | 0.3688 | 0.2225 |
| Mercury | 48872-10-17 03:36 G | 19571481.63 | 19571481.65 | 19571481.67 | 0.3689 | 0.3592 |
| Mercury | 48875-07-27 16:19 G | 19572495.02 | 19572495.18 | 19572495.34 | 0.3682 | 0.0500 |
| Mercury | 48878-05-02 18:29 G | 19573505.18 | 19573505.27 | 19573505.36 | 0.3689 | 0.1391 |
| Mercury | 48883-11-16 09:36 G | 19575528.80 | 19575528.90 | 19575529.00 | 0.3688 | 0.0829 |
| Mercury | 48889-06-01 00:29 G | 19577552.47 | 19577552.52 | 19577552.58 | 0.3688 | 0.3042 |
| Mercury | 48929-05-25 00:43 G | 19592154.47 | 19592154.53 | 19592154.60 | 0.3689 | 0.2789 |
| Mercury | 48932-03-03 19:12 G | 19593168.17 | 19593168.30 | 19593168.42 | 0.3682 | 0.2369 |
| Mercury | 48934-12-08 15:50 G | 19594178.06 | 19594178.16 | 19594178.26 | 0.3689 | 0.0573 |
| Mercury | 48940-06-23 06:58 G | 19596201.70 | 19596201.79 | 19596201.87 | 0.3688 | 0.1649 |
| Mercury | 48983-03-25 09:36 G | 19611816.89 | 19611816.90 | 19611816.92 | 0.3682 | 0.3658 |
| Mercury | 48985-12-29 22:05 G | 19612827.34 | 19612827.42 | 19612827.50 | 0.3689 | 0.1977 |
| Mercury | 48991-07-15 13:12 G | 19614850.95 | 19614851.05 | 19614851.15 | 0.3688 | 0.0268 |
| Mercury | 48997-01-28 04:05 G | 19616874.60 | 19616874.67 | 19616874.75 | 0.3688 | 0.2456 |

50TH MILLENNIUM CE

This is a list of transits visible from Venus in the 50th millennium CE.

| PLANET | MAX- TRANSIT | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|-----------------|---|-------|-----|-----|--------|-------|---|
|--------|-----------------|---|-------|-----|-----|--------|-------|---|

TIME

| | | | | | | |
|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 49037-01-21 04:19 G | 19631476.64 | 19631476.68 | 19631476.72 | 0.3689 | 0.3372 |
| Mercury | 49039-10-31 12:43 G | 19632489.87 | 19632490.03 | 19632490.19 | 0.3682 | 0.0747 |
| Mercury | 49042-08-06 19:26 G | 19633500.21 | 19633500.31 | 19633500.40 | 0.3689 | 0.1167 |
| Mercury | 49048-02-20 10:19 G | 19635523.84 | 19635523.93 | 19635524.03 | 0.3688 | 0.1056 |
| Mercury | 49053-09-05 01:26 G | 19637547.51 | 19637547.56 | 19637547.60 | 0.3688 | 0.3268 |
| Mercury | 49093-08-28 01:41 G | 19652149.50 | 19652149.57 | 19652149.64 | 0.3689 | 0.2573 |
| Mercury | 49096-06-06 15:36 G | 19653163.02 | 19653163.15 | 19653163.28 | 0.3682 | 0.2202 |
| Mercury | 49099-03-13 16:34 G | 19654173.09 | 19654173.19 | 19654173.29 | 0.3689 | 0.0370 |
| Mercury | 49104-09-27 07:41 G | 19656196.73 | 19656196.82 | 19656196.90 | 0.3688 | 0.1857 |
| Mercury | 49150-04-04 22:48 G | 19672822.37 | 19672822.45 | 19672822.54 | 0.3689 | 0.1763 |
| Mercury | 49155-10-19 13:55 G | 19674845.98 | 19674846.08 | 19674846.18 | 0.3688 | 0.0459 |
| Mercury | 49161-05-04 04:48 G | 19676869.64 | 19676869.70 | 19676869.77 | 0.3688 | 0.2674 |
| Mercury | 49201-04-26 05:02 G | 19691471.66 | 19691471.71 | 19691471.76 | 0.3689 | 0.3169 |
| Mercury | 49204-02-03 09:07 G | 19692484.72 | 19692484.88 | 19692485.04 | 0.3682 | 0.0903 |
| Mercury | 49206-11-09 20:10 G | 19693495.24 | 19693495.34 | 19693495.44 | 0.3688 | 0.0950 |
| Mercury | 49212-05-25 11:02 G | 19695518.87 | 19695518.96 | 19695519.06 | 0.3688 | 0.1267 |
| Mercury | 49217-12-09 02:10 G | 19697542.56 | 19697542.59 | 19697542.62 | 0.3688 | 0.3495 |
| Mercury | 49257-12-01 02:24 G | 19712144.52 | 19712144.60 | 19712144.68 | 0.3689 | 0.2350 |
| Mercury | 49260-09-09 12:14 G | 19713157.87 | 19713158.01 | 19713158.14 | 0.3682 | 0.2045 |
| Mercury | 49263-06-16 17:31 G | 19714168.13 | 19714168.23 | 19714168.33 | 0.3688 | 0.0203 |
| Mercury | 49268-12-30 08:24 G | 19716191.77 | 19716191.85 | 19716191.93 | 0.3688 | 0.2086 |
| Mercury | 49314-07-08 23:46 G | 19732817.40 | 19732817.49 | 19732817.58 | 0.3689 | 0.1537 |
| Mercury | 49320-01-22 14:38 G | 19734841.01 | 19734841.11 | 19734841.21 | 0.3688 | 0.0681 |
| Mercury | 49325-08-07 05:46 G | 19736864.68 | 19736864.74 | 19736864.80 | 0.3688 | 0.2909 |
| Mercury | 49365-07-30 06:00 G | 19751466.69 | 19751466.75 | 19751466.81 | 0.3689 | 0.2943 |
| Mercury | 49368-05-08 05:31 G | 19752479.57 | 19752479.73 | 19752479.89 | 0.3682 | 0.1111 |
| Mercury | 49371-02-12 20:53 G | 19753490.28 | 19753490.37 | 19753490.47 | 0.3688 | 0.0733 |
| Mercury | 49376-08-28 12:00 G | 19755513.91 | 19755514.00 | 19755514.09 | 0.3688 | 0.1495 |
| Mercury | 49422-03-07 03:07 G | 19772139.55 | 19772139.63 | 19772139.71 | 0.3689 | 0.2134 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 49424-12-14 08:24 G | 19773152.71 | 19773152.85 | 19773152.99 | 0.3682 | 0.1829 |
| Mercury | 49427-09-20 18:14 G | 19774163.16 | 19774163.26 | 19774163.36 | 0.3688 | 0.0124 |
| Mercury | 49433-04-05 09:07 G | 19776186.81 | 19776186.88 | 19776186.96 | 0.3688 | 0.2316 |
| Mercury | 49473-03-28 09:36 G | 19790788.87 | 19790788.90 | 19790788.92 | 0.3689 | 0.3546 |
| Mercury | 49478-10-12 00:29 G | 19792812.43 | 19792812.52 | 19792812.61 | 0.3688 | 0.1330 |
| Mercury | 49484-04-26 15:22 G | 19794836.05 | 19794836.14 | 19794836.24 | 0.3688 | 0.0909 |
| Mercury | 49489-11-10 06:29 G | 19796859.72 | 19796859.77 | 19796859.82 | 0.3688 | 0.3126 |
| Mercury | 49529-11-03 06:43 G | 19811461.71 | 19811461.78 | 19811461.85 | 0.3689 | 0.2732 |
| Mercury | 49532-08-12 01:55 G | 19812474.43 | 19812474.58 | 19812474.74 | 0.3682 | 0.1283 |
| Mercury | 49535-05-19 21:36 G | 19813485.31 | 19813485.40 | 19813485.50 | 0.3688 | 0.0535 |
| Mercury | 49540-12-02 12:43 G | 19815508.94 | 19815509.03 | 19815509.12 | 0.3688 | 0.1722 |
| Mercury | 49586-06-10 04:05 G | 19832134.58 | 19832134.67 | 19832134.75 | 0.3688 | 0.1923 |
| Mercury | 49589-03-19 04:48 G | 19833147.55 | 19833147.70 | 19833147.85 | 0.3682 | 0.1629 |
| Mercury | 49591-12-24 18:58 G | 19834158.19 | 19834158.29 | 19834158.39 | 0.3688 | 0.0313 |
| Mercury | 49597-07-09 10:05 G | 19836181.85 | 19836181.92 | 19836181.99 | 0.3688 | 0.2544 |
| Mercury | 49637-07-01 10:19 G | 19850783.89 | 19850783.93 | 19850783.97 | 0.3689 | 0.3323 |
| Mercury | 49643-01-15 01:12 G | 19852807.46 | 19852807.55 | 19852807.65 | 0.3688 | 0.1108 |
| Mercury | 49648-07-30 16:19 G | 19854831.08 | 19854831.18 | 19854831.27 | 0.3688 | 0.1134 |
| Mercury | 49654-02-13 07:12 G | 19856854.76 | 19856854.80 | 19856854.84 | 0.3688 | 0.3362 |
| Mercury | 49694-02-05 07:26 G | 19871456.74 | 19871456.81 | 19871456.89 | 0.3688 | 0.2513 |
| Mercury | 49696-11-13 22:19 G | 19872469.28 | 19872469.43 | 19872469.58 | 0.3682 | 0.1533 |
| Mercury | 49699-08-21 22:34 G | 19873480.34 | 19873480.44 | 19873480.54 | 0.3688 | 0.0289 |
| Mercury | 49705-03-07 13:26 G | 19875503.98 | 19875504.06 | 19875504.15 | 0.3688 | 0.1957 |
| Mercury | 49750-09-13 04:48 G | 19892129.61 | 19892129.70 | 19892129.79 | 0.3688 | 0.1699 |
| Mercury | 49753-06-22 01:12 G | 19893142.40 | 19893142.55 | 19893142.70 | 0.3682 | 0.1449 |
| Mercury | 49756-03-28 19:55 G | 19894153.23 | 19894153.33 | 19894153.42 | 0.3688 | 0.0559 |
| Mercury | 49761-10-12 10:48 G | 19896176.88 | 19896176.95 | 19896177.01 | 0.3688 | 0.2759 |
| Mercury | 49801-10-05 11:02 G | 19910778.91 | 19910778.96 | 19910779.01 | 0.3689 | 0.3114 |
| Mercury | 49807-04-21 02:10 G | 19912802.49 | 19912802.59 | 19912802.68 | 0.3688 | 0.0895 |
| Mercury | 49812-11-03 17:02 G | 19914826.12 | 19914826.21 | 19914826.30 | 0.3688 | 0.1349 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 49818-05-20 07:55 G | 19916849.81 | 19916849.83 | 19916849.85 | 0.3688 | 0.3583 |
| Mercury | 49858-05-12 08:24 G | 19931451.77 | 19931451.85 | 19931451.92 | 0.3688 | 0.2300 |
| Mercury | 49861-02-17 18:43 G | 19932464.14 | 19932464.28 | 19932464.43 | 0.3682 | 0.1698 |
| Mercury | 49863-11-25 23:17 G | 19933475.37 | 19933475.47 | 19933475.57 | 0.3688 | 0.0089 |
| Mercury | 49869-06-10 14:24 G | 19935499.02 | 19935499.10 | 19935499.18 | 0.3688 | 0.2172 |
| Mercury | 49914-12-18 05:31 G | 19952124.64 | 19952124.73 | 19952124.82 | 0.3688 | 0.1477 |
| Mercury | 49917-09-25 21:36 G | 19953137.25 | 19953137.40 | 19953137.56 | 0.3683 | 0.1263 |
| Mercury | 49920-07-02 20:38 G | 19954148.26 | 19954148.36 | 19954148.46 | 0.3688 | 0.0766 |
| Mercury | 49926-01-16 11:31 G | 19956171.93 | 19956171.98 | 19956172.04 | 0.3688 | 0.2994 |
| Mercury | 49966-01-08 11:46 G | 19970773.93 | 19970773.99 | 19970774.06 | 0.3688 | 0.2894 |
| Mercury | 49971-07-25 02:53 G | 19972797.52 | 19972797.62 | 19972797.72 | 0.3688 | 0.0650 |
| Mercury | 49977-02-06 17:46 G | 19974821.15 | 19974821.24 | 19974821.33 | 0.3688 | 0.1591 |

51ST MILLENNIUM CE

This is a list of transits visible from Venus in the 51st millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 50022-08-15 09:07 G | | 19991446.80 | 19991446.88 | 19991446.96 | 0.3688 | 0.2067 | |
| Mercury | 50025-05-23 15:07 G | | 19992458.99 | 19992459.13 | 19992459.27 | 0.3682 | 0.1921 | |
| Mercury | 50028-02-29 00:14 G | | 19993470.41 | 19993470.51 | 19993470.61 | 0.3688 | 0.0226 | |
| Mercury | 50033-09-13 15:07 G | | 19995494.05 | 19995494.13 | 19995494.20 | 0.3688 | 0.2401 | |
| Mercury | 50073-09-05 15:22 G | | 20010096.11 | 20010096.14 | 20010096.17 | 0.3689 | 0.3487 | |
| Mercury | 50079-03-22 06:29 G | | 20012119.67 | 20012119.77 | 20012119.86 | 0.3688 | 0.1251 | |
| Mercury | 50081-12-28 18:00 G | | 20013132.09 | 20013132.25 | 20013132.41 | 0.3683 | 0.1068 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 50084-10-04 21:22 G | 20014143.29 | 20014143.39 | 20014143.49 | 0.3688 | 0.0982 |
| Mercury | 50090-04-20 12:29 G | 20016166.97 | 20016167.02 | 20016167.06 | 0.3688 | 0.3228 |
| Mercury | 50130-04-13 12:43 G | 20030768.96 | 20030769.03 | 20030769.10 | 0.3688 | 0.2669 |
| Mercury | 50135-10-28 03:36 G | 20032792.55 | 20032792.65 | 20032792.75 | 0.3688 | 0.0440 |
| Mercury | 50141-05-12 18:43 G | 20034816.19 | 20034816.28 | 20034816.36 | 0.3688 | 0.1811 |
| Mercury | 50186-11-18 09:50 G | 20051441.83 | 20051441.91 | 20051442.00 | 0.3688 | 0.1852 |
| Mercury | 50189-08-26 11:31 G | 20052453.85 | 20052453.98 | 20052454.11 | 0.3682 | 0.2097 |
| Mercury | 50192-06-03 00:58 G | 20053465.44 | 20053465.54 | 20053465.64 | 0.3688 | 0.0402 |
| Mercury | 50197-12-17 15:50 G | 20055489.09 | 20055489.16 | 20055489.23 | 0.3687 | 0.2636 |
| Mercury | 50237-12-10 16:19 G | 20070091.13 | 20070091.18 | 20070091.22 | 0.3688 | 0.3266 |
| Mercury | 50243-06-26 07:12 G | 20072114.70 | 20072114.80 | 20072114.90 | 0.3688 | 0.1026 |
| Mercury | 50246-04-03 14:24 G | 20073126.94 | 20073127.10 | 20073127.26 | 0.3683 | 0.0861 |
| Mercury | 50249-01-08 22:05 G | 20074138.33 | 20074138.42 | 20074138.52 | 0.3688 | 0.1227 |
| Mercury | 50254-07-25 13:12 G | 20076162.02 | 20076162.05 | 20076162.08 | 0.3687 | 0.3465 |
| Mercury | 50294-07-17 13:26 G | 20090763.99 | 20090764.06 | 20090764.14 | 0.3688 | 0.2440 |
| Mercury | 50300-01-31 04:34 G | 20092787.59 | 20092787.69 | 20092787.79 | 0.3688 | 0.0252 |
| Mercury | 50305-08-16 19:26 G | 20094811.23 | 20094811.31 | 20094811.39 | 0.3688 | 0.2046 |
| Mercury | 50351-02-22 10:48 G | 20111436.86 | 20111436.95 | 20111437.04 | 0.3688 | 0.1621 |
| Mercury | 50353-11-30 07:41 G | 20112448.70 | 20112448.82 | 20112448.95 | 0.3683 | 0.2337 |
| Mercury | 50356-09-07 01:41 G | 20113460.47 | 20113460.57 | 20113460.67 | 0.3688 | 0.0623 |
| Mercury | 50362-03-23 16:48 G | 20115484.14 | 20115484.20 | 20115484.26 | 0.3687 | 0.2873 |
| Mercury | 50402-03-15 17:02 G | 20130086.16 | 20130086.21 | 20130086.26 | 0.3688 | 0.3038 |
| Mercury | 50407-09-29 07:55 G | 20132109.73 | 20132109.83 | 20132109.93 | 0.3688 | 0.0806 |
| Mercury | 50410-07-07 10:48 G | 20133121.79 | 20133121.95 | 20133122.11 | 0.3683 | 0.0675 |
| Mercury | 50413-04-13 23:02 G | 20134133.37 | 20134133.46 | 20134133.55 | 0.3688 | 0.1451 |
| Mercury | 50418-10-28 13:55 G | 20136157.08 | 20136157.08 | 20136157.08 | 0.3687 | 0.3686 |
| Mercury | 50458-10-20 14:10 G | 20150759.01 | 20150759.09 | 20150759.17 | 0.3688 | 0.2231 |
| Mercury | 50464-05-05 05:17 G | 20152782.62 | 20152782.72 | 20152782.82 | 0.3688 | 0.0066 |
| Mercury | 50469-11-18 20:10 G | 20154806.26 | 20154806.34 | 20154806.42 | 0.3687 | 0.2270 |
| Mercury | 50509-11-11 20:38 G | 20169408.35 | 20169408.36 | 20169408.37 | 0.3688 | 0.3649 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 50515-05-28 11:31 G | 20171431.89 | 20171431.98 | 20171432.07 | 0.3688 | 0.1402 |
| Mercury | 50518-03-05 04:19 G | 20172443.56 | 20172443.68 | 20172443.79 | 0.3683 | 0.2506 |
| Mercury | 50520-12-11 02:24 G | 20173455.51 | 20173455.60 | 20173455.70 | 0.3687 | 0.0869 |
| Mercury | 50526-06-26 17:31 G | 20175479.18 | 20175479.23 | 20175479.28 | 0.3687 | 0.3098 |
| Mercury | 50566-06-18 17:46 G | 20190081.18 | 20190081.24 | 20190081.30 | 0.3688 | 0.2824 |
| Mercury | 50572-01-02 08:53 G | 20192104.77 | 20192104.87 | 20192104.96 | 0.3688 | 0.0585 |
| Mercury | 50574-10-10 07:12 G | 20193116.63 | 20193116.80 | 20193116.96 | 0.3683 | 0.0490 |
| Mercury | 50577-07-17 23:46 G | 20194128.40 | 20194128.49 | 20194128.58 | 0.3687 | 0.1683 |
| Mercury | 50623-01-24 15:07 G | 20210754.04 | 20210754.13 | 20210754.21 | 0.3688 | 0.1997 |
| Mercury | 50628-08-09 06:00 G | 20212777.65 | 20212777.75 | 20212777.85 | 0.3688 | 0.0285 |
| Mercury | 50631-05-18 10:05 G | 20213789.86 | 20213789.92 | 20213789.97 | 0.3683 | 0.3464 |
| Mercury | 50634-02-22 21:07 G | 20214801.30 | 20214801.38 | 20214801.45 | 0.3687 | 0.2512 |
| Mercury | 50674-02-14 21:22 G | 20229403.36 | 20229403.39 | 20229403.42 | 0.3688 | 0.3416 |
| Mercury | 50679-08-31 12:14 G | 20231426.92 | 20231427.01 | 20231427.11 | 0.3688 | 0.1172 |
| Mercury | 50682-06-08 00:29 G | 20232438.41 | 20232438.52 | 20232438.63 | 0.3683 | 0.2724 |
| Mercury | 50685-03-16 03:22 G | 20233450.54 | 20233450.64 | 20233450.73 | 0.3687 | 0.1092 |
| Mercury | 50690-09-29 18:14 G | 20235474.22 | 20235474.26 | 20235474.30 | 0.3687 | 0.3333 |
| Mercury | 50730-09-22 18:29 G | 20250076.21 | 20250076.27 | 20250076.34 | 0.3688 | 0.2602 |
| Mercury | 50736-04-07 09:36 G | 20252099.80 | 20252099.90 | 20252100.00 | 0.3688 | 0.0335 |
| Mercury | 50739-01-14 03:36 G | 20253111.48 | 20253111.65 | 20253111.81 | 0.3683 | 0.0311 |
| Mercury | 50741-10-22 00:29 G | 20254123.44 | 20254123.52 | 20254123.61 | 0.3687 | 0.1907 |
| Mercury | 50787-04-29 15:50 G | 20270749.07 | 20270749.16 | 20270749.25 | 0.3688 | 0.1767 |
| Mercury | 50792-11-12 06:43 G | 20272772.69 | 20272772.78 | 20272772.88 | 0.3687 | 0.0504 |
| Mercury | 50795-08-21 06:29 G | 20273784.70 | 20273784.77 | 20273784.84 | 0.3683 | 0.3302 |
| Mercury | 50798-05-28 21:50 G | 20274796.34 | 20274796.41 | 20274796.47 | 0.3687 | 0.2739 |
| Mercury | 50838-05-20 22:05 G | 20289398.37 | 20289398.42 | 20289398.47 | 0.3688 | 0.3200 |
| Mercury | 50843-12-04 13:12 G | 20291421.95 | 20291422.05 | 20291422.14 | 0.3687 | 0.0945 |
| Mercury | 50846-09-10 20:53 G | 20292433.27 | 20292433.37 | 20292433.47 | 0.3683 | 0.2897 |
| Mercury | 50849-06-19 04:05 G | 20293445.58 | 20293445.67 | 20293445.76 | 0.3687 | 0.1310 |
| Mercury | 50855-01-02 18:58 G | 20295469.27 | 20295469.29 | 20295469.32 | 0.3687 | 0.3577 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 50894-12-25 19:26 G | 20310071.23 | 20310071.31 | 20310071.38 | 0.3688 | 0.2365 |
| Mercury | 50900-07-11 10:19 G | 20312094.83 | 20312094.93 | 20312095.03 | 0.3687 | 0.0148 |
| Mercury | 50903-04-18 23:46 G | 20313106.32 | 20313106.49 | 20313106.65 | 0.3683 | 0.0071 |
| Mercury | 50906-01-25 01:26 G | 20314118.48 | 20314118.56 | 20314118.64 | 0.3687 | 0.2151 |
| Mercury | 50951-08-02 16:48 G | 20330744.10 | 20330744.20 | 20330744.29 | 0.3688 | 0.1538 |
| Mercury | 50957-02-15 07:41 G | 20332767.72 | 20332767.82 | 20332767.92 | 0.3687 | 0.0726 |
| Mercury | 50959-11-24 02:38 G | 20333779.52 | 20333779.61 | 20333779.70 | 0.3683 | 0.3072 |
| Mercury | 50962-08-31 22:34 G | 20334791.39 | 20334791.44 | 20334791.50 | 0.3687 | 0.2986 |

52ND MILLENNIUM CE

This is a list of transits visible from Venus in the 52nd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 51002-08-24 23:02 G | | 20349393.40 | 20349393.46 | 20349393.51 | 0.3688 | 0.2965 | |
| Mercury | 51008-03-09 13:55 G | | 20351416.98 | 20351417.08 | 20351417.18 | 0.3687 | 0.0700 | |
| Mercury | 51010-12-15 17:17 G | | 20352428.13 | 20352428.22 | 20352428.30 | 0.3683 | 0.3133 | |
| Mercury | 51013-09-23 04:48 G | | 20353440.61 | 20353440.70 | 20353440.79 | 0.3687 | 0.1557 | |
| Mercury | 51059-03-31 20:10 G | | 20370066.26 | 20370066.34 | 20370066.42 | 0.3688 | 0.2132 | |
| Mercury | 51064-10-14 11:02 G | | 20372089.86 | 20372089.96 | 20372090.06 | 0.3687 | 0.0194 | |
| Mercury | 51067-07-22 20:10 G | | 20373101.17 | 20373101.34 | 20373101.50 | 0.3683 | 0.0124 | |
| Mercury | 51070-04-30 02:10 G | | 20374113.51 | 20374113.59 | 20374113.66 | 0.3687 | 0.2386 | |
| Mercury | 51110-04-23 02:24 G | | 20388715.58 | 20388715.60 | 20388715.62 | 0.3688 | 0.3573 | |
| Mercury | 51115-11-06 17:31 G | | 20390739.13 | 20390739.23 | 20390739.32 | 0.3687 | 0.1318 | |
| Mercury | 51121-05-22 08:24 G | | 20392762.75 | 20392762.85 | 20392762.95 | 0.3687 | 0.0952 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 51124-02-27 23:02 G | 20393774.37 | 20393774.46 | 20393774.56 | 0.3683 | 0.2928 |
| Mercury | 51126-12-05 23:17 G | 20394786.43 | 20394786.47 | 20394786.52 | 0.3687 | 0.3221 |
| Mercury | 51166-11-27 23:46 G | 20409388.42 | 20409388.49 | 20409388.55 | 0.3688 | 0.2739 |
| Mercury | 51172-06-12 14:38 G | 20411412.01 | 20411412.11 | 20411412.21 | 0.3687 | 0.0484 |
| Mercury | 51175-03-20 13:26 G | 20412423.00 | 20412423.06 | 20412423.13 | 0.3683 | 0.3333 |
| Mercury | 51177-12-27 05:46 G | 20413435.65 | 20413435.74 | 20413435.82 | 0.3687 | 0.1796 |
| Mercury | 51223-07-04 20:53 G | 20430061.29 | 20430061.37 | 20430061.46 | 0.3687 | 0.1912 |
| Mercury | 51229-01-17 12:00 G | 20432084.90 | 20432085.00 | 20432085.10 | 0.3687 | 0.0362 |
| Mercury | 51231-10-25 16:34 G | 20433096.03 | 20433096.19 | 20433096.35 | 0.3683 | 0.0304 |
| Mercury | 51234-08-03 02:53 G | 20434108.56 | 20434108.62 | 20434108.69 | 0.3687 | 0.2634 |
| Mercury | 51274-07-26 03:22 G | 20448710.60 | 20448710.64 | 20448710.68 | 0.3688 | 0.3337 |
| Mercury | 51280-02-08 18:14 G | 20450734.17 | 20450734.26 | 20450734.36 | 0.3687 | 0.1072 |
| Mercury | 51285-08-24 09:22 G | 20452757.79 | 20452757.89 | 20452757.98 | 0.3687 | 0.1211 |
| Mercury | 51288-05-31 19:26 G | 20453769.20 | 20453769.31 | 20453769.42 | 0.3683 | 0.2715 |
| Mercury | 51291-03-10 00:14 G | 20454781.48 | 20454781.51 | 20454781.54 | 0.3687 | 0.3462 |
| Mercury | 51331-03-03 00:29 G | 20469383.45 | 20469383.52 | 20469383.59 | 0.3687 | 0.2503 |
| Mercury | 51336-09-15 15:36 G | 20471407.05 | 20471407.15 | 20471407.25 | 0.3687 | 0.0278 |
| Mercury | 51339-06-23 09:50 G | 20472417.87 | 20472417.91 | 20472417.96 | 0.3683 | 0.3531 |
| Mercury | 51342-04-01 06:29 G | 20473430.69 | 20473430.77 | 20473430.85 | 0.3687 | 0.2034 |
| Mercury | 51387-10-07 21:50 G | 20490056.32 | 20490056.41 | 20490056.50 | 0.3687 | 0.1679 |
| Mercury | 51393-04-22 12:43 G | 20492079.93 | 20492080.03 | 20492080.13 | 0.3687 | 0.0606 |
| Mercury | 51396-01-28 12:58 G | 20493090.88 | 20493091.04 | 20493091.20 | 0.3683 | 0.0474 |
| Mercury | 51398-11-06 03:36 G | 20494103.59 | 20494103.65 | 20494103.72 | 0.3687 | 0.2860 |
| Mercury | 51438-10-30 04:05 G | 20508705.62 | 20508705.67 | 20508705.72 | 0.3687 | 0.3117 |
| Mercury | 51444-05-14 18:58 G | 20510729.20 | 20510729.29 | 20510729.39 | 0.3687 | 0.0847 |
| Mercury | 51449-11-28 10:05 G | 20512752.83 | 20512752.92 | 20512753.01 | 0.3687 | 0.1434 |
| Mercury | 51452-09-04 15:50 G | 20513764.04 | 20513764.16 | 20513764.28 | 0.3684 | 0.2555 |
| Mercury | 51495-06-06 01:12 G | 20529378.48 | 20529378.55 | 20529378.63 | 0.3687 | 0.2285 |
| Mercury | 51500-12-20 16:19 G | 20531402.08 | 20531402.18 | 20531402.28 | 0.3687 | 0.0014 |
| Mercury | 51506-07-06 07:12 G | 20533425.73 | 20533425.80 | 20533425.88 | 0.3687 | 0.2266 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 51552-01-11 22:34 G | 20550051.35 | 20550051.44 | 20550051.53 | 0.3687 | 0.1438 |
| Mercury | 51557-07-27 13:41 G | 20552074.97 | 20552075.07 | 20552075.16 | 0.3687 | 0.0854 |
| Mercury | 51560-05-03 09:07 G | 20553085.72 | 20553085.88 | 20553086.04 | 0.3683 | 0.0719 |
| Mercury | 51563-02-10 04:34 G | 20554098.64 | 20554098.69 | 20554098.74 | 0.3686 | 0.3103 |
| Mercury | 51603-02-02 04:48 G | 20568700.64 | 20568700.70 | 20568700.76 | 0.3687 | 0.2879 |
| Mercury | 51608-08-17 19:55 G | 20570724.23 | 20570724.33 | 20570724.43 | 0.3687 | 0.0601 |
| Mercury | 51614-03-03 10:48 G | 20572747.86 | 20572747.95 | 20572748.04 | 0.3687 | 0.1677 |
| Mercury | 51616-12-08 12:00 G | 20573758.88 | 20573759.00 | 20573759.13 | 0.3684 | 0.2317 |
| Mercury | 51659-09-09 02:10 G | 20589373.51 | 20589373.59 | 20589373.67 | 0.3687 | 0.2037 |
| Mercury | 51665-03-24 17:02 G | 20591397.11 | 20591397.21 | 20591397.31 | 0.3687 | 0.0271 |
| Mercury | 51670-10-08 08:10 G | 20593420.76 | 20593420.84 | 20593420.91 | 0.3687 | 0.2511 |
| Mercury | 51710-10-01 08:24 G | 20608022.82 | 20608022.85 | 20608022.88 | 0.3687 | 0.3484 |
| Mercury | 51716-04-15 23:17 G | 20610046.38 | 20610046.47 | 20610046.57 | 0.3687 | 0.1209 |
| Mercury | 51721-10-30 14:24 G | 20612070.00 | 20612070.10 | 20612070.19 | 0.3687 | 0.1074 |
| Mercury | 51724-08-06 05:31 G | 20613080.57 | 20613080.73 | 20613080.89 | 0.3683 | 0.0877 |
| Mercury | 51727-05-16 05:17 G | 20614093.68 | 20614093.72 | 20614093.76 | 0.3686 | 0.3345 |
| Mercury | 51767-05-08 05:46 G | 20628695.67 | 20628695.74 | 20628695.80 | 0.3687 | 0.2649 |
| Mercury | 51772-11-20 20:38 G | 20630719.26 | 20630719.36 | 20630719.46 | 0.3687 | 0.0371 |
| Mercury | 51778-06-06 11:31 G | 20632742.90 | 20632742.98 | 20632743.07 | 0.3687 | 0.1911 |
| Mercury | 51781-03-13 08:24 G | 20633753.72 | 20633753.85 | 20633753.98 | 0.3684 | 0.2156 |
| Mercury | 51823-12-14 02:53 G | 20649368.53 | 20649368.62 | 20649368.71 | 0.3687 | 0.1805 |
| Mercury | 51829-06-28 17:46 G | 20651392.15 | 20651392.24 | 20651392.34 | 0.3687 | 0.0497 |
| Mercury | 51835-01-12 08:53 G | 20653415.80 | 20653415.87 | 20653415.93 | 0.3686 | 0.2752 |
| Mercury | 51875-01-04 09:07 G | 20668017.84 | 20668017.88 | 20668017.93 | 0.3687 | 0.3249 |
| Mercury | 51880-07-20 00:14 G | 20670041.41 | 20670041.51 | 20670041.60 | 0.3687 | 0.0967 |
| Mercury | 51886-02-02 15:07 G | 20672065.04 | 20672065.13 | 20672065.22 | 0.3687 | 0.1318 |
| Mercury | 51888-11-09 01:55 G | 20673075.42 | 20673075.58 | 20673075.73 | 0.3684 | 0.1081 |
| Mercury | 51891-08-19 06:14 G | 20674088.74 | 20674088.76 | 20674088.77 | 0.3686 | 0.3600 |
| Mercury | 51931-08-12 06:29 G | 20688690.70 | 20688690.77 | 20688690.84 | 0.3687 | 0.2401 |
| Mercury | 51937-02-24 21:22 G | 20690714.29 | 20690714.39 | 20690714.49 | 0.3687 | 0.0170 |

| | | | | | | |
|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 51942-09-10 12:29 G | 20692737.94 | 20692738.02 | 20692738.10 | 0.3686 | 0.2163 |
| Mercury | 51945-06-17 04:48 G | 20693748.56 | 20693748.70 | 20693748.84 | 0.3684 | 0.1950 |
| Mercury | 51988-03-18 03:50 G | 20709363.57 | 20709363.66 | 20709363.75 | 0.3687 | 0.1570 |
| Mercury | 51993-10-01 18:43 G | 20711387.18 | 20711387.28 | 20711387.38 | 0.3687 | 0.0719 |
| Mercury | 51999-04-17 09:36 G | 20713410.85 | 20713410.90 | 20713410.96 | 0.3686 | 0.3003 |

53RD MILLENNIUM CE

This is a list of transits visible from Venus in the 53rd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 52039-04-09 10:05 G | | 20728012.86 | 20728012.92 | 20728012.97 | 0.3687 | 0.3011 | |
| Mercury | 52044-10-23 00:58 G | | 20730036.44 | 20730036.54 | 20730036.64 | 0.3687 | 0.0730 | |
| Mercury | 52050-05-08 15:50 G | | 20732060.07 | 20732060.16 | 20732060.25 | 0.3687 | 0.1567 | |
| Mercury | 52053-02-11 22:19 G | | 20733070.27 | 20733070.43 | 20733070.58 | 0.3684 | 0.1255 | |
| Mercury | 52095-11-14 07:12 G | | 20748685.72 | 20748685.80 | 20748685.88 | 0.3687 | 0.2180 | |
| Mercury | 52101-05-30 22:19 G | | 20750709.33 | 20750709.43 | 20750709.53 | 0.3687 | 0.0195 | |
| Mercury | 52106-12-14 13:12 G | | 20752732.97 | 20752733.05 | 20752733.12 | 0.3686 | 0.2398 | |
| Mercury | 52109-09-20 01:12 G | | 20753743.41 | 20753743.55 | 20753743.69 | 0.3684 | 0.1799 | |
| Mercury | 52146-12-06 13:26 G | | 20767335.05 | 20767335.06 | 20767335.08 | 0.3687 | 0.3624 | |
| Mercury | 52152-06-21 04:34 G | | 20769358.59 | 20769358.69 | 20769358.78 | 0.3687 | 0.1338 | |
| Mercury | 52158-01-04 19:26 G | | 20771382.22 | 20771382.31 | 20771382.41 | 0.3686 | 0.0966 | |
| Mercury | 52163-07-21 10:34 G | | 20773405.89 | 20773405.94 | 20773405.98 | 0.3686 | 0.3245 | |
| Mercury | 52203-07-14 10:48 G | | 20788007.88 | 20788007.95 | 20788008.01 | 0.3687 | 0.2779 | |
| Mercury | 52209-01-27 01:41 G | | 20790031.47 | 20790031.57 | 20790031.67 | 0.3687 | 0.0497 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 52214-08-12 16:48 G | 20792055.11 | 20792055.20 | 20792055.28 | 0.3686 | 0.1810 |
| Mercury | 52217-05-18 18:29 G | 20793065.12 | 20793065.27 | 20793065.42 | 0.3684 | 0.1479 |
| Mercury | 52260-02-18 08:10 G | 20808680.75 | 20808680.84 | 20808680.92 | 0.3687 | 0.1940 |
| Mercury | 52265-09-02 23:02 G | 20810704.36 | 20810704.46 | 20810704.56 | 0.3686 | 0.0367 |
| Mercury | 52271-03-19 13:55 G | 20812728.02 | 20812728.08 | 20812728.15 | 0.3686 | 0.2654 |
| Mercury | 52273-12-23 21:22 G | 20813738.25 | 20813738.39 | 20813738.54 | 0.3684 | 0.1575 |
| Mercury | 52311-03-12 14:24 G | 20827330.06 | 20827330.10 | 20827330.13 | 0.3687 | 0.3382 |
| Mercury | 52316-09-25 05:17 G | 20829353.63 | 20829353.72 | 20829353.82 | 0.3687 | 0.1085 |
| Mercury | 52322-04-10 20:24 G | 20831377.25 | 20831377.35 | 20831377.44 | 0.3686 | 0.1221 |
| Mercury | 52327-10-25 11:17 G | 20833400.94 | 20833400.97 | 20833401.00 | 0.3686 | 0.3487 |
| Mercury | 52367-10-17 11:31 G | 20848002.91 | 20848002.98 | 20848003.05 | 0.3687 | 0.2543 |
| Mercury | 52373-05-02 02:38 G | 20850026.51 | 20850026.61 | 20850026.71 | 0.3687 | 0.0255 |
| Mercury | 52378-11-15 17:31 G | 20852050.15 | 20852050.23 | 20852050.31 | 0.3686 | 0.2042 |
| Mercury | 52381-08-21 15:07 G | 20853059.98 | 20853060.13 | 20853060.27 | 0.3684 | 0.1622 |
| Mercury | 52424-05-23 08:53 G | 20868675.78 | 20868675.87 | 20868675.96 | 0.3687 | 0.1695 |
| Mercury | 52429-12-06 23:46 G | 20870699.39 | 20870699.49 | 20870699.59 | 0.3686 | 0.0604 |
| Mercury | 52435-06-22 14:38 G | 20872723.05 | 20872723.11 | 20872723.18 | 0.3686 | 0.2895 |
| Mercury | 52438-03-28 17:46 G | 20873733.09 | 20873733.24 | 20873733.39 | 0.3684 | 0.1413 |
| Mercury | 52475-06-14 15:07 G | 20887325.08 | 20887325.13 | 20887325.18 | 0.3687 | 0.3152 |
| Mercury | 52480-12-28 06:00 G | 20889348.66 | 20889348.75 | 20889348.85 | 0.3686 | 0.0851 |
| Mercury | 52486-07-13 21:07 G | 20891372.29 | 20891372.38 | 20891372.47 | 0.3686 | 0.1449 |
| Mercury | 52532-01-20 12:14 G | 20907997.94 | 20907998.01 | 20907998.09 | 0.3687 | 0.2303 |
| Mercury | 52537-08-05 03:22 G | 20910021.54 | 20910021.64 | 20910021.74 | 0.3686 | 0.0010 |
| Mercury | 52543-02-18 18:14 G | 20912045.19 | 20912045.26 | 20912045.34 | 0.3686 | 0.2301 |
| Mercury | 52545-11-24 11:17 G | 20913054.83 | 20913054.97 | 20913055.11 | 0.3684 | 0.1830 |
| Mercury | 52588-08-26 09:36 G | 20928670.81 | 20928670.90 | 20928670.99 | 0.3686 | 0.1441 |
| Mercury | 52594-03-12 00:43 G | 20930694.43 | 20930694.53 | 20930694.62 | 0.3686 | 0.0868 |
| Mercury | 52599-09-25 15:36 G | 20932718.10 | 20932718.15 | 20932718.20 | 0.3686 | 0.3147 |
| Mercury | 52602-07-02 14:10 G | 20933727.94 | 20933728.09 | 20933728.24 | 0.3684 | 0.1220 |
| Mercury | 52639-09-18 15:50 G | 20947320.10 | 20947320.16 | 20947320.22 | 0.3687 | 0.2903 |

| | | | | | | |
|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 52645-04-03 06:58 G | 20949343.69 | 20949343.79 | 20949343.89 | 0.3686 | 0.0596 |
| Mercury | 52650-10-17 21:50 G | 20951367.32 | 20951367.41 | 20951367.50 | 0.3686 | 0.1697 |
| Mercury | 52696-04-24 13:12 G | 20967992.97 | 20967993.05 | 20967993.13 | 0.3687 | 0.2050 |
| Mercury | 52701-11-09 04:05 G | 20970016.57 | 20970016.67 | 20970016.77 | 0.3686 | 0.0248 |
| Mercury | 52707-05-25 19:12 G | 20972040.23 | 20972040.30 | 20972040.37 | 0.3686 | 0.2550 |
| Mercury | 52710-02-28 07:41 G | 20973049.69 | 20973049.82 | 20973049.96 | 0.3684 | 0.1982 |
| Mercury | 52747-05-17 19:26 G | 20986642.28 | 20986642.31 | 20986642.33 | 0.3687 | 0.3517 |
| Mercury | 52752-11-30 10:19 G | 20988665.84 | 20988665.93 | 20988666.03 | 0.3686 | 0.1215 |
| Mercury | 52758-06-16 01:26 G | 20990689.46 | 20990689.56 | 20990689.65 | 0.3686 | 0.1096 |
| Mercury | 52763-12-30 16:19 G | 20992713.15 | 20992713.18 | 20992713.22 | 0.3686 | 0.3395 |
| Mercury | 52766-10-05 10:34 G | 20993722.79 | 20993722.94 | 20993723.10 | 0.3684 | 0.1067 |
| Mercury | 52803-12-22 16:34 G | 21007315.13 | 21007315.19 | 21007315.26 | 0.3686 | 0.2667 |
| Mercury | 52809-07-07 07:41 G | 21009338.72 | 21009338.82 | 21009338.92 | 0.3686 | 0.0362 |
| Mercury | 52815-01-20 22:34 G | 21011362.36 | 21011362.44 | 21011362.53 | 0.3686 | 0.1956 |
| Mercury | 52860-07-28 13:55 G | 21027987.99 | 21027988.08 | 21027988.17 | 0.3686 | 0.1808 |
| Mercury | 52866-02-11 05:02 G | 21030011.61 | 21030011.71 | 21030011.80 | 0.3686 | 0.0521 |
| Mercury | 52871-08-27 19:55 G | 21032035.27 | 21032035.33 | 21032035.39 | 0.3686 | 0.2806 |
| Mercury | 52874-06-02 04:05 G | 21033044.54 | 21033044.67 | 21033044.80 | 0.3684 | 0.2187 |
| Mercury | 52911-08-20 20:10 G | 21046637.30 | 21046637.34 | 21046637.39 | 0.3686 | 0.3267 |
| Mercury | 52917-03-05 11:17 G | 21048660.87 | 21048660.97 | 21048661.06 | 0.3686 | 0.0960 |
| Mercury | 52922-09-19 02:10 G | 21050684.50 | 21050684.59 | 21050684.68 | 0.3686 | 0.1357 |
| Mercury | 52928-04-03 17:17 G | 21052708.21 | 21052708.22 | 21052708.23 | 0.3685 | 0.3654 |
| Mercury | 52931-01-08 06:43 G | 21053717.63 | 21053717.78 | 21053717.94 | 0.3684 | 0.0849 |
| Mercury | 52968-03-26 17:31 G | 21067310.15 | 21067310.23 | 21067310.30 | 0.3686 | 0.2412 |
| Mercury | 52973-10-10 08:24 G | 21069333.75 | 21069333.85 | 21069333.95 | 0.3686 | 0.0130 |
| Mercury | 52979-04-25 23:31 G | 21071357.40 | 21071357.48 | 21071357.56 | 0.3686 | 0.2207 |

54TH MILLENNIUM CE

This is a list of transits visible from Venus in the 54th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 53024-11-01 14:38 | G | 21087983.02 | 21087983.11 | 21087983.20 | 0.3686 | 0.1572 | |
| Mercury | 53030-05-18 05:46 | G | 21090006.64 | 21090006.74 | 21090006.84 | 0.3686 | 0.0749 | |
| Mercury | 53035-12-01 20:38 | G | 21092030.31 | 21092030.36 | 21092030.42 | 0.3685 | 0.3043 | |
| Mercury | 53038-09-06 00:29 | G | 21093039.40 | 21093039.52 | 21093039.65 | 0.3684 | 0.2336 | |
| Mercury | 53075-11-23 20:53 | G | 21106632.32 | 21106632.37 | 21106632.43 | 0.3686 | 0.3037 | |
| Mercury | 53081-06-08 12:00 | G | 21108655.90 | 21108656.00 | 21108656.10 | 0.3686 | 0.0715 | |
| Mercury | 53086-12-23 02:53 | G | 21110679.53 | 21110679.62 | 21110679.71 | 0.3686 | 0.1604 | |
| Mercury | 53095-04-13 03:07 | G | 21113712.47 | 21113712.63 | 21113712.79 | 0.3685 | 0.0685 | |
| Mercury | 53132-06-30 18:14 | G | 21127305.18 | 21127305.26 | 21127305.34 | 0.3686 | 0.2176 | |
| Mercury | 53138-01-14 09:22 | G | 21129328.79 | 21129328.89 | 21129328.99 | 0.3686 | 0.0209 | |
| Mercury | 53143-07-31 00:14 | G | 21131352.44 | 21131352.51 | 21131352.58 | 0.3685 | 0.2451 | |
| Mercury | 53183-07-23 00:29 | G | 21145954.51 | 21145954.52 | 21145954.53 | 0.3686 | 0.3643 | |
| Mercury | 53189-02-04 15:36 | G | 21147978.05 | 21147978.15 | 21147978.24 | 0.3686 | 0.1321 | |
| Mercury | 53194-08-21 06:29 | G | 21150001.68 | 21150001.77 | 21150001.87 | 0.3686 | 0.1009 | |
| Mercury | 53200-03-05 21:36 | G | 21152025.35 | 21152025.40 | 21152025.44 | 0.3685 | 0.3308 | |
| Mercury | 53202-12-09 20:38 | G | 21153034.25 | 21153034.36 | 21153034.48 | 0.3685 | 0.2550 | |
| Mercury | 53240-02-26 21:50 | G | 21166627.34 | 21166627.41 | 21166627.47 | 0.3686 | 0.2783 | |
| Mercury | 53245-09-11 12:43 | G | 21168650.93 | 21168651.03 | 21168651.13 | 0.3686 | 0.0468 | |
| Mercury | 53251-03-28 03:50 | G | 21170674.57 | 21170674.66 | 21170674.74 | 0.3685 | 0.1859 | |
| Mercury | 53259-07-16 23:31 | G | 21173707.32 | 21173707.48 | 21173707.65 | 0.3685 | 0.0524 | |
| Mercury | 53296-10-02 18:58 | G | 21187300.21 | 21187300.29 | 21187300.38 | 0.3686 | 0.1926 | |
| Mercury | 53302-04-19 10:05 | G | 21189323.82 | 21189323.92 | 21189324.02 | 0.3686 | 0.0404 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 53307-11-03 00:58 G | 21191347.48 | 21191347.54 | 21191347.61 | 0.3685 | 0.2703 |
| Mercury | 53316-02-22 02:24 G | 21194380.57 | 21194380.60 | 21194380.64 | 0.3685 | 0.3586 |
| Mercury | 53347-10-26 01:12 G | 21205949.52 | 21205949.55 | 21205949.59 | 0.3686 | 0.3398 |
| Mercury | 53353-05-10 16:19 G | 21207973.08 | 21207973.18 | 21207973.27 | 0.3686 | 0.1063 |
| Mercury | 53358-11-24 07:12 G | 21209996.71 | 21209996.80 | 21209996.90 | 0.3685 | 0.1252 |
| Mercury | 53364-06-08 22:19 G | 21212020.41 | 21212020.43 | 21212020.45 | 0.3685 | 0.3557 |
| Mercury | 53367-03-14 17:17 G | 21213029.11 | 21213029.22 | 21213029.33 | 0.3685 | 0.2670 |
| Mercury | 53404-06-01 22:34 G | 21226622.37 | 21226622.44 | 21226622.51 | 0.3686 | 0.2536 |
| Mercury | 53409-12-16 13:26 G | 21228645.96 | 21228646.06 | 21228646.16 | 0.3686 | 0.0268 |
| Mercury | 53415-07-02 04:34 G | 21230669.61 | 21230669.69 | 21230669.77 | 0.3685 | 0.2102 |
| Mercury | 53423-10-20 20:10 G | 21233702.18 | 21233702.34 | 21233702.50 | 0.3685 | 0.0378 |
| Mercury | 53461-01-06 19:55 G | 21247295.24 | 21247295.33 | 21247295.41 | 0.3686 | 0.1681 |
| Mercury | 53466-07-23 10:48 G | 21249318.85 | 21249318.95 | 21249319.05 | 0.3685 | 0.0646 |
| Mercury | 53472-02-06 01:55 G | 21251342.52 | 21251342.58 | 21251342.63 | 0.3685 | 0.2967 |
| Mercury | 53480-05-26 22:48 G | 21254375.38 | 21254375.45 | 21254375.51 | 0.3685 | 0.3371 |
| Mercury | 53512-01-30 02:10 G | 21265944.54 | 21265944.59 | 21265944.64 | 0.3686 | 0.3149 |
| Mercury | 53517-08-14 17:02 G | 21267968.11 | 21267968.21 | 21267968.31 | 0.3686 | 0.0817 |
| Mercury | 53523-02-28 08:10 G | 21269991.75 | 21269991.84 | 21269991.93 | 0.3685 | 0.1510 |
| Mercury | 53531-06-18 13:41 G | 21273023.97 | 21273024.07 | 21273024.17 | 0.3685 | 0.2853 |
| Mercury | 53568-09-04 23:17 G | 21286617.40 | 21286617.47 | 21286617.55 | 0.3686 | 0.2280 |
| Mercury | 53574-03-21 14:24 G | 21288641.00 | 21288641.10 | 21288641.20 | 0.3685 | 0.0080 |
| Mercury | 53579-10-05 05:17 G | 21290664.65 | 21290664.72 | 21290664.80 | 0.3685 | 0.2369 |
| Mercury | 53588-01-23 16:19 G | 21293697.02 | 21293697.18 | 21293697.35 | 0.3685 | 0.0189 |
| Mercury | 53625-04-11 20:38 G | 21307290.27 | 21307290.36 | 21307290.45 | 0.3686 | 0.1417 |
| Mercury | 53630-10-26 11:31 G | 21309313.89 | 21309313.98 | 21309314.08 | 0.3685 | 0.0913 |
| Mercury | 53636-05-11 02:38 G | 21311337.56 | 21311337.61 | 21311337.66 | 0.3685 | 0.3223 |
| Mercury | 53644-08-29 19:12 G | 21314370.22 | 21314370.30 | 21314370.38 | 0.3685 | 0.3233 |
| Mercury | 53676-05-03 02:53 G | 21325939.56 | 21325939.62 | 21325939.68 | 0.3686 | 0.2893 |
| Mercury | 53681-11-16 17:46 G | 21327963.14 | 21327963.24 | 21327963.34 | 0.3686 | 0.0580 |
| Mercury | 53687-06-02 08:53 G | 21329986.78 | 21329986.87 | 21329986.96 | 0.3685 | 0.1763 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 53695-09-20 10:05 G | 21333018.83 | 21333018.92 | 21333019.02 | 0.3685 | 0.2984 |
| Mercury | 53732-12-09 00:00 G | 21346612.42 | 21346612.50 | 21346612.59 | 0.3686 | 0.2044 |
| Mercury | 53738-06-24 15:07 G | 21348636.03 | 21348636.13 | 21348636.23 | 0.3685 | 0.0297 |
| Mercury | 53744-01-08 06:14 G | 21350659.69 | 21350659.76 | 21350659.82 | 0.3685 | 0.2624 |
| Mercury | 53752-04-27 12:43 G | 21353691.87 | 21353692.03 | 21353692.20 | 0.3685 | 0.0073 |
| Mercury | 53783-12-31 06:14 G | 21365261.74 | 21365261.76 | 21365261.79 | 0.3686 | 0.3515 |
| Mercury | 53789-07-15 21:22 G | 21367285.30 | 21367285.39 | 21367285.48 | 0.3685 | 0.1176 |
| Mercury | 53795-01-29 12:29 G | 21369308.92 | 21369309.02 | 21369309.11 | 0.3685 | 0.1168 |
| Mercury | 53800-08-15 03:22 G | 21371332.61 | 21371332.64 | 21371332.67 | 0.3685 | 0.3479 |
| Mercury | 53808-12-03 15:36 G | 21374365.06 | 21374365.15 | 21374365.24 | 0.3685 | 0.3048 |
| Mercury | 53840-08-07 03:36 G | 21385934.58 | 21385934.65 | 21385934.72 | 0.3685 | 0.2646 |
| Mercury | 53846-02-20 18:43 G | 21387958.18 | 21387958.28 | 21387958.38 | 0.3685 | 0.0320 |
| Mercury | 53851-09-06 09:36 G | 21389981.82 | 21389981.90 | 21389981.99 | 0.3685 | 0.2031 |
| Mercury | 53859-12-25 06:29 G | 21393013.69 | 21393013.77 | 21393013.85 | 0.3685 | 0.3183 |
| Mercury | 53897-03-14 00:58 G | 21406607.45 | 21406607.54 | 21406607.62 | 0.3685 | 0.1781 |
| Mercury | 53902-09-28 15:50 G | 21408631.07 | 21408631.16 | 21408631.26 | 0.3685 | 0.0584 |
| Mercury | 53908-04-13 06:58 G | 21410654.73 | 21410654.79 | 21410654.85 | 0.3685 | 0.2885 |
| Mercury | 53916-08-01 09:07 G | 21413686.72 | 21413686.88 | 21413687.05 | 0.3685 | 0.0172 |
| Mercury | 53948-04-05 07:12 G | 21425256.75 | 21425256.80 | 21425256.84 | 0.3686 | 0.3257 |
| Mercury | 53953-10-19 22:05 G | 21427280.33 | 21427280.42 | 21427280.52 | 0.3685 | 0.0920 |
| Mercury | 53959-05-05 13:12 G | 21429303.96 | 21429304.05 | 21429304.14 | 0.3685 | 0.1424 |
| Mercury | 53973-03-08 12:00 G | 21434359.90 | 21434360.00 | 21434360.10 | 0.3685 | 0.2906 |

55TH MILLENNIUM CE

This is a list of transits visible from Venus in the 55th millennium CE.

| PLANET | MAX- | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|---------------------|---|-------------|-------------|-------------|--------|--------|---|
| | TRANSIT | | | | | | | |
| | TIME | | | | | | | |
| Mercury | 54004-11-10 04:19 G | | 21445929.61 | 21445929.68 | 21445929.76 | 0.3686 | 0.2400 | |
| Mercury | 54010-05-26 19:26 G | | 21447953.21 | 21447953.31 | 21447953.41 | 0.3685 | 0.0047 | |
| Mercury | 54015-12-10 10:19 G | | 21449976.86 | 21449976.93 | 21449977.01 | 0.3685 | 0.2277 | |
| Mercury | 54024-03-29 03:07 G | | 21453008.56 | 21453008.63 | 21453008.70 | 0.3685 | 0.3295 | |
| Mercury | 54061-06-17 01:41 G | | 21466602.48 | 21466602.57 | 21466602.66 | 0.3685 | 0.1528 | |
| Mercury | 54066-12-31 16:48 G | | 21468626.10 | 21468626.20 | 21468626.29 | 0.3685 | 0.0828 | |
| Mercury | 54072-07-16 07:41 G | | 21470649.77 | 21470649.82 | 21470649.87 | 0.3685 | 0.3136 | |
| Mercury | 54080-11-03 05:46 G | | 21473681.58 | 21473681.74 | 21473681.90 | 0.3685 | 0.0288 | |
| Mercury | 54112-07-09 07:55 G | | 21485251.77 | 21485251.83 | 21485251.88 | 0.3685 | 0.3014 | |
| Mercury | 54118-01-22 23:02 G | | 21487275.36 | 21487275.46 | 21487275.55 | 0.3685 | 0.0668 | |
| Mercury | 54123-08-08 13:55 G | | 21489298.99 | 21489299.08 | 21489299.17 | 0.3685 | 0.1677 | |
| Mercury | 54137-06-11 08:24 G | | 21494354.74 | 21494354.85 | 21494354.95 | 0.3686 | 0.2721 | |
| Mercury | 54169-02-13 05:17 G | | 21505924.63 | 21505924.72 | 21505924.80 | 0.3685 | 0.2143 | |
| Mercury | 54174-08-29 20:10 G | | 21507948.24 | 21507948.34 | 21507948.44 | 0.3685 | 0.0239 | |
| Mercury | 54180-03-14 11:17 G | | 21509971.90 | 21509971.97 | 21509972.04 | 0.3685 | 0.2543 | |
| Mercury | 54188-07-01 23:31 G | | 21513003.42 | 21513003.48 | 21513003.53 | 0.3685 | 0.3469 | |
| Mercury | 54220-03-07 11:17 G | | 21524573.96 | 21524573.97 | 21524573.99 | 0.3685 | 0.3628 | |
| Mercury | 54225-09-21 02:24 G | | 21526597.51 | 21526597.60 | 21526597.70 | 0.3685 | 0.1264 | |
| Mercury | 54231-04-06 17:31 G | | 21528621.13 | 21528621.23 | 21528621.32 | 0.3685 | 0.1079 | |
| Mercury | 54236-10-20 08:24 G | | 21530644.82 | 21530644.85 | 21530644.89 | 0.3685 | 0.3409 | |
| Mercury | 54245-02-07 02:10 G | | 21533676.43 | 21533676.59 | 21533676.75 | 0.3685 | 0.0455 | |
| Mercury | 54276-10-12 08:38 G | | 21545246.80 | 21545246.86 | 21545246.93 | 0.3685 | 0.2752 | |
| Mercury | 54282-04-27 23:46 G | | 21547270.39 | 21547270.49 | 21547270.59 | 0.3685 | 0.0392 | |
| Mercury | 54287-11-11 14:38 G | | 21549294.03 | 21549294.11 | 21549294.20 | 0.3685 | 0.1941 | |
| Mercury | 54301-09-15 04:48 G | | 21554349.59 | 21554349.70 | 21554349.81 | 0.3686 | 0.2597 | |
| Mercury | 54333-05-20 06:00 G | | 21565919.66 | 21565919.75 | 21565919.83 | 0.3685 | 0.1878 | |
| Mercury | 54338-12-03 20:53 G | | 21567943.27 | 21567943.37 | 21567943.47 | 0.3685 | 0.0478 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 54344-06-18 12:00 G | 21569966.94 | 21569967.00 | 21569967.06 | 0.3685 | 0.2805 |
| Mercury | 54352-10-05 19:55 G | 21572998.30 | 21572998.33 | 21572998.37 | 0.3685 | 0.3576 |
| Mercury | 54384-06-10 12:14 G | 21584568.97 | 21584569.01 | 21584569.04 | 0.3685 | 0.3375 |
| Mercury | 54389-12-25 03:07 G | 21586592.54 | 21586592.63 | 21586592.73 | 0.3685 | 0.1022 |
| Mercury | 54395-07-10 18:14 G | 21588616.17 | 21588616.26 | 21588616.35 | 0.3685 | 0.1331 |
| Mercury | 54401-01-23 09:22 G | 21590639.88 | 21590639.89 | 21590639.89 | 0.3684 | 0.3670 |
| Mercury | 54409-05-12 22:34 G | 21593671.28 | 21593671.44 | 21593671.60 | 0.3686 | 0.0602 |
| Mercury | 54441-01-15 09:22 G | 21605241.82 | 21605241.89 | 21605241.97 | 0.3685 | 0.2497 |
| Mercury | 54446-08-01 00:29 G | 21607265.42 | 21607265.52 | 21607265.62 | 0.3685 | 0.0144 |
| Mercury | 54452-02-14 15:36 G | 21609289.07 | 21609289.15 | 21609289.23 | 0.3685 | 0.2208 |
| Mercury | 54465-12-18 01:12 G | 21614344.43 | 21614344.55 | 21614344.67 | 0.3686 | 0.2413 |
| Mercury | 54497-08-22 06:43 G | 21625914.69 | 21625914.78 | 21625914.87 | 0.3685 | 0.1619 |
| Mercury | 54503-03-08 21:50 G | 21627938.31 | 21627938.41 | 21627938.51 | 0.3685 | 0.0737 |
| Mercury | 54508-09-21 12:43 G | 21629961.98 | 21629962.03 | 21629962.09 | 0.3684 | 0.3081 |
| Mercury | 54548-09-13 12:58 G | 21644563.99 | 21644564.04 | 21644564.09 | 0.3685 | 0.3107 |
| Mercury | 54554-03-30 04:05 G | 21646587.57 | 21646587.67 | 21646587.77 | 0.3685 | 0.0752 |
| Mercury | 54559-10-13 18:58 G | 21648611.20 | 21648611.29 | 21648611.38 | 0.3685 | 0.1611 |
| Mercury | 54573-08-15 18:58 G | 21653666.13 | 21653666.29 | 21653666.45 | 0.3686 | 0.0742 |
| Mercury | 54605-04-21 10:19 G | 21665236.85 | 21665236.93 | 21665237.00 | 0.3685 | 0.2233 |
| Mercury | 54610-11-05 01:12 G | 21667260.45 | 21667260.55 | 21667260.65 | 0.3685 | 0.0151 |
| Mercury | 54616-05-20 16:19 G | 21669284.11 | 21669284.18 | 21669284.25 | 0.3684 | 0.2474 |
| Mercury | 54630-03-23 21:36 G | 21674339.28 | 21674339.40 | 21674339.53 | 0.3686 | 0.2305 |
| Mercury | 54661-11-26 07:26 G | 21685909.72 | 21685909.81 | 21685909.90 | 0.3685 | 0.1367 |
| Mercury | 54667-06-11 22:34 G | 21687933.34 | 21687933.44 | 21687933.54 | 0.3685 | 0.0994 |
| Mercury | 54672-12-25 13:26 G | 21689957.02 | 21689957.06 | 21689957.11 | 0.3684 | 0.3333 |
| Mercury | 54712-12-18 13:41 G | 21704559.01 | 21704559.07 | 21704559.13 | 0.3685 | 0.2861 |
| Mercury | 54718-07-04 04:48 G | 21706582.60 | 21706582.70 | 21706582.80 | 0.3685 | 0.0497 |
| Mercury | 54724-01-17 19:55 G | 21708606.24 | 21708606.33 | 21708606.41 | 0.3684 | 0.1872 |
| Mercury | 54737-11-19 15:36 G | 21713660.99 | 21713661.15 | 21713661.30 | 0.3686 | 0.0860 |
| Mercury | 54769-07-25 11:02 G | 21725231.87 | 21725231.96 | 21725232.04 | 0.3685 | 0.1984 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 54775-02-08 02:10 G | 21727255.49 | 21727255.59 | 21727255.69 | 0.3684 | 0.0418 |
| Mercury | 54780-08-23 17:02 G | 21729279.15 | 21729279.21 | 21729279.28 | 0.3684 | 0.2736 |
| Mercury | 54794-06-26 18:00 G | 21734334.12 | 21734334.25 | 21734334.38 | 0.3686 | 0.2121 |
| Mercury | 54820-08-15 17:02 G | 21743881.18 | 21743881.21 | 21743881.24 | 0.3685 | 0.3479 |
| Mercury | 54826-03-01 08:10 G | 21745904.75 | 21745904.84 | 21745904.94 | 0.3685 | 0.1107 |
| Mercury | 54831-09-14 23:17 G | 21747928.38 | 21747928.47 | 21747928.57 | 0.3684 | 0.1272 |
| Mercury | 54837-03-30 14:24 G | 21749952.08 | 21749952.10 | 21749952.12 | 0.3684 | 0.3604 |
| Mercury | 54877-03-22 14:24 G | 21764554.03 | 21764554.10 | 21764554.17 | 0.3685 | 0.2592 |
| Mercury | 54882-10-06 05:31 G | 21766577.63 | 21766577.73 | 21766577.83 | 0.3685 | 0.0225 |
| Mercury | 54888-04-20 20:38 G | 21768601.28 | 21768601.36 | 21768601.44 | 0.3684 | 0.2138 |
| Mercury | 54902-02-22 12:00 G | 21773655.85 | 21773656.00 | 21773656.16 | 0.3686 | 0.0995 |
| Mercury | 54933-10-28 11:46 G | 21785226.90 | 21785226.99 | 21785227.08 | 0.3685 | 0.1713 |
| Mercury | 54939-05-14 02:53 G | 21787250.52 | 21787250.62 | 21787250.72 | 0.3684 | 0.0662 |
| Mercury | 54944-11-26 17:46 G | 21789274.19 | 21789274.24 | 21789274.30 | 0.3684 | 0.2999 |
| Mercury | 54958-09-29 14:38 G | 21794328.97 | 21794329.11 | 21794329.24 | 0.3686 | 0.2003 |
| Mercury | 54984-11-18 18:00 G | 21803876.20 | 21803876.25 | 21803876.29 | 0.3685 | 0.3221 |
| Mercury | 54990-06-04 09:07 G | 21805899.78 | 21805899.88 | 21805899.97 | 0.3685 | 0.0844 |
| Mercury | 54995-12-19 00:00 G | 21807923.41 | 21807923.50 | 21807923.59 | 0.3684 | 0.1525 |

56TH MILLENNIUM CE

This is a list of transits visible from Venus in the 56th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 55041-06-26 15:07 G | | 21824549.06 | 21824549.13 | 21824549.21 | 0.3685 | 0.2337 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 55047-01-10 06:14 G | 21826572.66 | 21826572.76 | 21826572.86 | 0.3684 | 0.0104 |
| Mercury | 55052-07-25 21:22 G | 21828596.31 | 21828596.39 | 21828596.47 | 0.3684 | 0.2395 |
| Mercury | 55066-05-28 08:24 G | 21833650.70 | 21833650.85 | 21833651.00 | 0.3686 | 0.1159 |
| Mercury | 55098-01-31 12:29 G | 21845221.93 | 21845222.02 | 21845222.11 | 0.3684 | 0.1447 |
| Mercury | 55103-08-18 03:36 G | 21847245.55 | 21847245.65 | 21847245.75 | 0.3684 | 0.0920 |
| Mercury | 55109-03-02 18:43 G | 21849269.23 | 21849269.28 | 21849269.32 | 0.3684 | 0.3275 |
| Mercury | 55123-01-03 11:02 G | 21854323.82 | 21854323.96 | 21854324.10 | 0.3686 | 0.1836 |
| Mercury | 55149-02-22 18:43 G | 21863871.22 | 21863871.28 | 21863871.34 | 0.3685 | 0.2950 |
| Mercury | 55154-09-08 09:50 G | 21865894.81 | 21865894.91 | 21865895.01 | 0.3684 | 0.0566 |
| Mercury | 55160-03-24 00:58 G | 21867918.45 | 21867918.54 | 21867918.62 | 0.3684 | 0.1800 |
| Mercury | 55205-09-29 16:05 G | 21884544.08 | 21884544.17 | 21884544.25 | 0.3685 | 0.2063 |
| Mercury | 55211-04-15 07:12 G | 21886567.70 | 21886567.80 | 21886567.90 | 0.3684 | 0.0353 |
| Mercury | 55216-10-28 22:05 G | 21888591.36 | 21888591.42 | 21888591.49 | 0.3684 | 0.2674 |
| Mercury | 55230-08-31 05:02 G | 21893645.56 | 21893645.71 | 21893645.86 | 0.3686 | 0.1271 |
| Mercury | 55256-10-20 22:05 G | 21903193.40 | 21903193.42 | 21903193.44 | 0.3685 | 0.3571 |
| Mercury | 55262-05-06 13:12 G | 21905216.96 | 21905217.05 | 21905217.15 | 0.3684 | 0.1184 |
| Mercury | 55267-11-20 04:19 G | 21907240.59 | 21907240.68 | 21907240.78 | 0.3684 | 0.1190 |
| Mercury | 55273-06-04 19:26 G | 21909264.29 | 21909264.31 | 21909264.33 | 0.3684 | 0.3546 |
| Mercury | 55287-04-07 07:41 G | 21914318.68 | 21914318.82 | 21914318.96 | 0.3686 | 0.1757 |
| Mercury | 55313-05-28 19:26 G | 21923866.24 | 21923866.31 | 21923866.38 | 0.3685 | 0.2683 |
| Mercury | 55318-12-12 10:34 G | 21925889.84 | 21925889.94 | 21925890.04 | 0.3684 | 0.0308 |
| Mercury | 55324-06-27 01:41 G | 21927913.49 | 21927913.57 | 21927913.65 | 0.3684 | 0.2067 |
| Mercury | 55370-01-02 16:48 G | 21944539.11 | 21944539.20 | 21944539.28 | 0.3684 | 0.1810 |
| Mercury | 55375-07-19 07:55 G | 21946562.73 | 21946562.83 | 21946562.93 | 0.3684 | 0.0591 |
| Mercury | 55381-01-31 22:48 G | 21948586.40 | 21948586.45 | 21948586.51 | 0.3684 | 0.2947 |
| Mercury | 55394-12-04 01:41 G | 21953640.42 | 21953640.57 | 21953640.72 | 0.3686 | 0.1363 |
| Mercury | 55421-01-24 22:48 G | 21963188.41 | 21963188.45 | 21963188.50 | 0.3684 | 0.3312 |
| Mercury | 55426-08-10 13:55 G | 21965211.99 | 21965212.08 | 21965212.18 | 0.3684 | 0.0932 |
| Mercury | 55432-02-24 05:02 G | 21967235.62 | 21967235.71 | 21967235.81 | 0.3684 | 0.1470 |
| Mercury | 55451-07-12 04:05 G | 21974313.53 | 21974313.67 | 21974313.81 | 0.3686 | 0.1596 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 55477-08-31 20:10 G | 21983861.27 | 21983861.34 | 21983861.42 | 0.3684 | 0.2420 |
| Mercury | 55483-03-17 11:17 G | 21985884.87 | 21985884.97 | 21985885.07 | 0.3684 | 0.0075 |
| Mercury | 55488-09-30 02:24 G | 21987908.53 | 21987908.60 | 21987908.68 | 0.3684 | 0.2347 |
| Mercury | 55534-04-08 17:31 G | 22004534.14 | 22004534.23 | 22004534.32 | 0.3684 | 0.1529 |
| Mercury | 55539-10-23 08:38 G | 22006557.76 | 22006557.86 | 22006557.96 | 0.3684 | 0.0858 |
| Mercury | 55545-05-07 23:46 G | 22008581.44 | 22008581.49 | 22008581.53 | 0.3684 | 0.3222 |
| Mercury | 55559-03-09 22:19 G | 22013635.28 | 22013635.43 | 22013635.57 | 0.3686 | 0.1459 |
| Mercury | 55585-04-29 23:46 G | 22023183.43 | 22023183.49 | 22023183.54 | 0.3684 | 0.3039 |
| Mercury | 55590-11-13 14:53 G | 22025207.02 | 22025207.12 | 22025207.22 | 0.3684 | 0.0657 |
| Mercury | 55596-05-29 06:00 G | 22027230.66 | 22027230.75 | 22027230.83 | 0.3684 | 0.1743 |
| Mercury | 55615-10-15 00:43 G | 22034308.38 | 22034308.53 | 22034308.68 | 0.3687 | 0.1509 |
| Mercury | 55641-12-04 20:53 G | 22043856.29 | 22043856.37 | 22043856.45 | 0.3684 | 0.2159 |
| Mercury | 55647-06-20 12:00 G | 22045879.90 | 22045880.00 | 22045880.10 | 0.3684 | 0.0281 |
| Mercury | 55653-01-03 03:07 G | 22047903.56 | 22047903.63 | 22047903.70 | 0.3684 | 0.2606 |
| Mercury | 55692-12-26 03:07 G | 22062505.63 | 22062505.63 | 22062505.63 | 0.3684 | 0.3676 |
| Mercury | 55698-07-11 18:14 G | 22064529.17 | 22064529.26 | 22064529.35 | 0.3684 | 0.1265 |
| Mercury | 55704-01-26 09:22 G | 22066552.79 | 22066552.89 | 22066552.99 | 0.3684 | 0.1123 |
| Mercury | 55709-08-11 00:29 G | 22068576.49 | 22068576.52 | 22068576.55 | 0.3683 | 0.3485 |
| Mercury | 55723-06-12 18:43 G | 22073630.14 | 22073630.28 | 22073630.42 | 0.3687 | 0.1612 |
| Mercury | 55749-08-03 00:29 G | 22083178.45 | 22083178.52 | 22083178.58 | 0.3684 | 0.2783 |
| Mercury | 55755-02-16 15:36 G | 22085202.05 | 22085202.15 | 22085202.25 | 0.3684 | 0.0372 |
| Mercury | 55760-09-01 06:43 G | 22087225.69 | 22087225.78 | 22087225.86 | 0.3683 | 0.2008 |
| Mercury | 55780-01-17 21:07 G | 22094303.23 | 22094303.38 | 22094303.53 | 0.3687 | 0.1351 |
| Mercury | 55806-03-10 21:50 G | 22103851.32 | 22103851.41 | 22103851.49 | 0.3684 | 0.1889 |
| Mercury | 55811-09-24 12:58 G | 22105874.94 | 22105875.04 | 22105875.14 | 0.3684 | 0.0534 |
| Mercury | 55817-04-09 03:50 G | 22107898.60 | 22107898.66 | 22107898.73 | 0.3683 | 0.2896 |
| Mercury | 55857-04-01 03:50 G | 22122500.62 | 22122500.66 | 22122500.70 | 0.3684 | 0.3398 |
| Mercury | 55862-10-15 18:58 G | 22124524.20 | 22124524.29 | 22124524.39 | 0.3684 | 0.0988 |
| Mercury | 55868-04-30 10:05 G | 22126547.83 | 22126547.92 | 22126548.02 | 0.3684 | 0.1409 |
| Mercury | 55887-09-15 15:22 G | 22133625.00 | 22133625.14 | 22133625.28 | 0.3687 | 0.1688 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 55913-11-07 01:12 G | 22143173.48 | 22143173.55 | 22143173.62 | 0.3684 | 0.2504 |
| Mercury | 55919-05-23 16:19 G | 22145197.08 | 22145197.18 | 22145197.28 | 0.3684 | 0.0100 |
| Mercury | 55924-12-06 07:26 G | 22147220.73 | 22147220.81 | 22147220.89 | 0.3684 | 0.2279 |
| Mercury | 55944-04-22 17:46 G | 22154298.09 | 22154298.24 | 22154298.39 | 0.3687 | 0.1271 |
| Mercury | 55970-06-13 22:34 G | 22163846.35 | 22163846.44 | 22163846.53 | 0.3684 | 0.1612 |
| Mercury | 55975-12-28 13:41 G | 22165869.97 | 22165870.07 | 22165870.16 | 0.3684 | 0.0795 |
| Mercury | 55981-07-13 04:48 G | 22167893.65 | 22167893.70 | 22167893.75 | 0.3683 | 0.3168 |

57TH MILLENNIUM CE

This is a list of transits visible from Venus in the 57th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 56021-07-05 04:34 G | | 22182495.64 | 22182495.69 | 22182495.74 | 0.3684 | 0.3132 | |
| Mercury | 56027-01-18 19:41 G | | 22184519.22 | 22184519.32 | 22184519.42 | 0.3684 | 0.0729 | |
| Mercury | 56032-08-03 10:48 G | | 22186542.86 | 22186542.95 | 22186543.04 | 0.3683 | 0.1675 | |
| Mercury | 56051-12-19 12:00 G | | 22193619.86 | 22193620.00 | 22193620.14 | 0.3687 | 0.1777 | |
| Mercury | 56078-02-09 01:55 G | | 22203168.50 | 22203168.58 | 22203168.66 | 0.3684 | 0.2230 | |
| Mercury | 56083-08-25 17:02 G | | 22205192.11 | 22205192.21 | 22205192.31 | 0.3683 | 0.0176 | |
| Mercury | 56089-03-10 08:10 G | | 22207215.77 | 22207215.84 | 22207215.91 | 0.3683 | 0.2564 | |
| Mercury | 56108-07-26 14:24 G | | 22214292.94 | 22214293.10 | 22214293.25 | 0.3687 | 0.1146 | |
| Mercury | 56134-09-16 23:17 G | | 22223841.37 | 22223841.47 | 22223841.56 | 0.3684 | 0.1332 | |
| Mercury | 56140-04-01 14:24 G | | 22225865.00 | 22225865.10 | 22225865.20 | 0.3683 | 0.1067 | |
| Mercury | 56145-10-16 05:31 G | | 22227888.70 | 22227888.73 | 22227888.76 | 0.3683 | 0.3453 | |
| Mercury | 56185-10-08 05:17 G | | 22242490.66 | 22242490.72 | 22242490.79 | 0.3684 | 0.2853 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 56191-04-23 20:38 G | 22244514.26 | 22244514.36 | 22244514.46 | 0.3684 | 0.0456 |
| Mercury | 56196-11-06 11:46 G | 22246537.90 | 22246537.99 | 22246538.07 | 0.3683 | 0.1961 |
| Mercury | 56216-03-24 08:38 G | 22253614.72 | 22253614.86 | 22253615.00 | 0.3687 | 0.1856 |
| Mercury | 56242-05-16 02:38 G | 22263163.53 | 22263163.61 | 22263163.70 | 0.3684 | 0.1949 |
| Mercury | 56247-11-29 17:46 G | 22265187.14 | 22265187.24 | 22265187.34 | 0.3684 | 0.0458 |
| Mercury | 56253-06-14 08:53 G | 22267210.81 | 22267210.87 | 22267210.94 | 0.3683 | 0.2849 |
| Mercury | 56272-10-29 11:02 G | 22274287.81 | 22274287.96 | 22274288.11 | 0.3687 | 0.1087 |
| Mercury | 56293-06-06 08:53 G | 22281812.84 | 22281812.87 | 22281812.90 | 0.3684 | 0.3486 |
| Mercury | 56298-12-21 00:00 G | 22283836.40 | 22283836.50 | 22283836.59 | 0.3684 | 0.1067 |
| Mercury | 56304-07-06 15:07 G | 22285860.04 | 22285860.13 | 22285860.22 | 0.3683 | 0.1344 |
| Mercury | 56350-01-12 06:00 G | 22302485.68 | 22302485.75 | 22302485.82 | 0.3684 | 0.2589 |
| Mercury | 56355-07-28 21:22 G | 22304509.28 | 22304509.39 | 22304509.49 | 0.3683 | 0.0229 |
| Mercury | 56361-02-10 12:29 G | 22306532.94 | 22306533.02 | 22306533.10 | 0.3683 | 0.2237 |
| Mercury | 56380-06-27 05:17 G | 22313609.58 | 22313609.72 | 22313609.85 | 0.3687 | 0.1979 |
| Mercury | 56406-08-19 03:22 G | 22323158.55 | 22323158.64 | 22323158.73 | 0.3684 | 0.1685 |
| Mercury | 56412-03-03 18:29 G | 22325182.18 | 22325182.27 | 22325182.37 | 0.3683 | 0.0751 |
| Mercury | 56417-09-17 09:50 G | 22327205.85 | 22327205.91 | 22327205.96 | 0.3683 | 0.3128 |
| Mercury | 56437-02-01 07:26 G | 22334282.66 | 22334282.81 | 22334282.97 | 0.3687 | 0.0957 |
| Mercury | 56457-09-09 09:36 G | 22341807.85 | 22341807.90 | 22341807.94 | 0.3684 | 0.3215 |
| Mercury | 56463-03-26 00:43 G | 22343831.43 | 22343831.53 | 22343831.63 | 0.3683 | 0.0780 |
| Mercury | 56468-10-08 15:50 G | 22345855.07 | 22345855.16 | 22345855.25 | 0.3683 | 0.1636 |
| Mercury | 56514-04-17 06:43 G | 22362480.71 | 22362480.78 | 22362480.86 | 0.3684 | 0.2307 |
| Mercury | 56519-10-31 22:05 G | 22364504.32 | 22364504.42 | 22364504.52 | 0.3683 | 0.0132 |
| Mercury | 56525-05-16 13:12 G | 22366527.98 | 22366528.05 | 22366528.12 | 0.3683 | 0.2524 |
| Mercury | 56544-09-30 01:55 G | 22373604.45 | 22373604.58 | 22373604.72 | 0.3687 | 0.2015 |
| Mercury | 56570-11-22 04:05 G | 22383153.58 | 22383153.67 | 22383153.77 | 0.3684 | 0.1406 |
| Mercury | 56576-06-06 19:26 G | 22385177.21 | 22385177.31 | 22385177.40 | 0.3683 | 0.1027 |
| Mercury | 56581-12-21 10:34 G | 22387200.90 | 22387200.94 | 22387200.97 | 0.3683 | 0.3402 |
| Mercury | 56601-05-08 04:19 G | 22394277.52 | 22394277.68 | 22394277.83 | 0.3687 | 0.0890 |
| Mercury | 56621-12-14 10:19 G | 22401802.87 | 22401802.93 | 22401802.98 | 0.3684 | 0.2944 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 56627-06-30 01:26 G | 22403826.46 | 22403826.56 | 22403826.66 | 0.3683 | 0.0502 |
| Mercury | 56633-01-12 16:34 G | 22405850.11 | 22405850.19 | 22405850.28 | 0.3683 | 0.1903 |
| Mercury | 56678-07-21 07:26 G | 22422475.73 | 22422475.81 | 22422475.90 | 0.3684 | 0.2037 |
| Mercury | 56684-02-03 22:48 G | 22424499.35 | 22424499.45 | 22424499.55 | 0.3683 | 0.0398 |
| Mercury | 56689-08-19 13:55 G | 22426523.02 | 22426523.08 | 22426523.14 | 0.3683 | 0.2793 |
| Mercury | 56709-01-03 22:34 G | 22433599.32 | 22433599.44 | 22433599.57 | 0.3687 | 0.2094 |
| Mercury | 56729-08-12 13:41 G | 22441125.05 | 22441125.07 | 22441125.09 | 0.3684 | 0.3573 |
| Mercury | 56735-02-26 04:48 G | 22443148.61 | 22443148.70 | 22443148.80 | 0.3683 | 0.1126 |
| Mercury | 56740-09-10 20:10 G | 22445172.24 | 22445172.34 | 22445172.43 | 0.3683 | 0.1303 |
| Mercury | 56765-08-11 00:58 G | 22454272.39 | 22454272.54 | 22454272.69 | 0.3687 | 0.0805 |
| Mercury | 56786-03-19 11:02 G | 22461797.89 | 22461797.96 | 22461798.03 | 0.3684 | 0.2655 |
| Mercury | 56791-10-03 02:10 G | 22463821.49 | 22463821.59 | 22463821.69 | 0.3683 | 0.0233 |
| Mercury | 56797-04-17 17:31 G | 22465845.15 | 22465845.23 | 22465845.31 | 0.3683 | 0.2200 |
| Mercury | 56842-10-24 08:24 G | 22482470.76 | 22482470.85 | 22482470.94 | 0.3683 | 0.1743 |
| Mercury | 56848-05-08 23:31 G | 22484494.38 | 22484494.48 | 22484494.58 | 0.3683 | 0.0688 |
| Mercury | 56853-11-22 14:38 G | 22486518.06 | 22486518.11 | 22486518.16 | 0.3683 | 0.3086 |
| Mercury | 56873-04-07 19:26 G | 22493594.18 | 22493594.31 | 22493594.44 | 0.3687 | 0.2132 |
| Mercury | 56893-11-14 14:24 G | 22501120.06 | 22501120.10 | 22501120.14 | 0.3684 | 0.3285 |
| Mercury | 56899-05-31 05:46 G | 22503143.64 | 22503143.74 | 22503143.83 | 0.3683 | 0.0851 |
| Mercury | 56904-12-14 20:53 G | 22505167.28 | 22505167.37 | 22505167.46 | 0.3683 | 0.1581 |
| Mercury | 56929-11-13 21:50 G | 22514267.25 | 22514267.41 | 22514267.56 | 0.3687 | 0.0763 |
| Mercury | 56950-06-22 11:46 G | 22521792.91 | 22521792.99 | 22521793.06 | 0.3684 | 0.2374 |
| Mercury | 56956-01-06 02:53 G | 22523816.52 | 22523816.62 | 22523816.72 | 0.3683 | 0.0078 |
| Mercury | 56961-07-21 18:14 G | 22525840.18 | 22525840.26 | 22525840.33 | 0.3683 | 0.2480 |
| Mercury | 56986-06-20 23:46 G | 22534940.47 | 22534940.49 | 22534940.52 | 0.3688 | 0.3617 |

58TH MILLENNIUM CE

This is a list of transits visible from Venus in the 58th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 57007-01-28 09:07 | G | 22542465.78 | 22542465.88 | 22542465.97 | 0.3683 | 0.1477 | |
| Mercury | 57012-08-13 00:14 | G | 22544489.41 | 22544489.51 | 22544489.61 | 0.3683 | 0.0963 | |
| Mercury | 57018-02-26 15:22 | G | 22546513.11 | 22546513.14 | 22546513.18 | 0.3682 | 0.3374 | |
| Mercury | 57037-07-12 16:05 | G | 22553589.05 | 22553589.17 | 22553589.30 | 0.3687 | 0.2225 | |
| Mercury | 57058-02-18 15:07 | G | 22561115.07 | 22561115.13 | 22561115.19 | 0.3683 | 0.3005 | |
| Mercury | 57063-09-04 06:14 | G | 22563138.66 | 22563138.76 | 22563138.86 | 0.3683 | 0.0583 | |
| Mercury | 57069-03-19 21:36 | G | 22565162.31 | 22565162.40 | 22565162.49 | 0.3683 | 0.1869 | |
| Mercury | 57094-02-16 18:14 | G | 22574262.11 | 22574262.26 | 22574262.42 | 0.3688 | 0.0631 | |
| Mercury | 57114-09-26 12:29 | G | 22581787.94 | 22581788.02 | 22581788.10 | 0.3683 | 0.2092 | |
| Mercury | 57120-04-11 03:36 | G | 22583811.55 | 22583811.65 | 22583811.75 | 0.3683 | 0.0371 | |
| Mercury | 57125-10-25 18:58 | G | 22585835.22 | 22585835.29 | 22585835.35 | 0.3683 | 0.2773 | |
| Mercury | 57150-09-24 20:38 | G | 22594935.32 | 22594935.36 | 22594935.39 | 0.3688 | 0.3560 | |
| Mercury | 57165-10-17 18:29 | G | 22600437.26 | 22600437.27 | 22600437.28 | 0.3683 | 0.3633 | |
| Mercury | 57171-05-03 09:50 | G | 22602460.81 | 22602460.91 | 22602461.00 | 0.3683 | 0.1180 | |
| Mercury | 57176-11-16 00:58 | G | 22604484.45 | 22604484.54 | 22604484.64 | 0.3683 | 0.1262 | |
| Mercury | 57182-06-01 16:19 | G | 22606508.17 | 22606508.18 | 22606508.18 | 0.3682 | 0.3668 | |
| Mercury | 57201-10-15 12:58 | G | 22613583.92 | 22613584.04 | 22613584.16 | 0.3687 | 0.2251 | |
| Mercury | 57222-05-24 15:50 | G | 22621110.09 | 22621110.16 | 22621110.23 | 0.3683 | 0.2717 | |
| Mercury | 57227-12-08 07:12 | G | 22623133.69 | 22623133.80 | 22623133.90 | 0.3683 | 0.0320 | |
| Mercury | 57233-06-22 22:19 | G | 22625157.35 | 22625157.43 | 22625157.51 | 0.3683 | 0.2159 | |
| Mercury | 57258-05-22 15:07 | G | 22634256.97 | 22634257.13 | 22634257.28 | 0.3688 | 0.0597 | |
| Mercury | 57278-12-29 13:12 | G | 22641782.96 | 22641783.05 | 22641783.13 | 0.3683 | 0.1818 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 57284-07-14 04:19 G | 22643806.58 | 22643806.68 | 22643806.78 | 0.3683 | 0.0654 |
| Mercury | 57290-01-27 19:41 G | 22645830.26 | 22645830.32 | 22645830.37 | 0.3682 | 0.3048 |
| Mercury | 57314-12-28 17:17 G | 22654930.18 | 22654930.22 | 22654930.27 | 0.3688 | 0.3509 |
| Mercury | 57330-01-20 19:12 G | 22660432.26 | 22660432.30 | 22660432.34 | 0.3683 | 0.3366 |
| Mercury | 57335-08-06 10:34 G | 22662455.84 | 22662455.94 | 22662456.04 | 0.3683 | 0.0906 |
| Mercury | 57341-02-19 01:41 G | 22664479.48 | 22664479.57 | 22664479.66 | 0.3682 | 0.1543 |
| Mercury | 57366-01-18 09:36 G | 22673578.78 | 22673578.90 | 22673579.02 | 0.3688 | 0.2322 |
| Mercury | 57386-08-27 16:34 G | 22681105.11 | 22681105.19 | 22681105.26 | 0.3683 | 0.2446 |
| Mercury | 57392-03-12 07:55 G | 22683128.72 | 22683128.83 | 22683128.93 | 0.3683 | 0.0131 |
| Mercury | 57397-09-25 23:02 G | 22685152.39 | 22685152.46 | 22685152.54 | 0.3682 | 0.2446 |
| Mercury | 57422-08-26 12:00 G | 22694251.84 | 22694252.00 | 22694252.15 | 0.3688 | 0.0560 |
| Mercury | 57443-04-04 13:55 G | 22701777.99 | 22701778.08 | 22701778.17 | 0.3683 | 0.1522 |
| Mercury | 57448-10-18 05:17 G | 22703801.62 | 22703801.72 | 22703801.81 | 0.3683 | 0.0943 |
| Mercury | 57454-05-03 20:24 G | 22705825.31 | 22705825.35 | 22705825.39 | 0.3682 | 0.3347 |
| Mercury | 57479-04-02 14:10 G | 22714925.03 | 22714925.09 | 22714925.14 | 0.3688 | 0.3441 |
| Mercury | 57494-04-25 19:55 G | 22720427.28 | 22720427.33 | 22720427.38 | 0.3683 | 0.3072 |
| Mercury | 57499-11-09 11:17 G | 22722450.87 | 22722450.97 | 22722451.07 | 0.3683 | 0.0601 |
| Mercury | 57505-05-26 02:24 G | 22724474.52 | 22724474.60 | 22724474.69 | 0.3682 | 0.1843 |
| Mercury | 57530-04-24 06:43 G | 22733573.66 | 22733573.78 | 22733573.90 | 0.3688 | 0.2314 |
| Mercury | 57550-12-01 17:17 G | 22741100.14 | 22741100.22 | 22741100.30 | 0.3683 | 0.2154 |
| Mercury | 57556-06-16 08:38 G | 22743123.76 | 22743123.86 | 22743123.96 | 0.3683 | 0.0323 |
| Mercury | 57561-12-30 23:46 G | 22745147.42 | 22745147.49 | 22745147.56 | 0.3682 | 0.2730 |
| Mercury | 57586-11-29 08:53 G | 22754246.71 | 22754246.87 | 22754247.02 | 0.3688 | 0.0537 |
| Mercury | 57607-07-08 14:38 G | 22761773.01 | 22761773.11 | 22761773.20 | 0.3683 | 0.1235 |
| Mercury | 57613-01-21 05:46 G | 22763796.65 | 22763796.74 | 22763796.84 | 0.3682 | 0.1217 |
| Mercury | 57618-08-06 21:07 G | 22765820.37 | 22765820.38 | 22765820.39 | 0.3682 | 0.3635 |
| Mercury | 57643-07-06 10:48 G | 22774919.88 | 22774919.95 | 22774920.01 | 0.3688 | 0.3341 |
| Mercury | 57658-07-29 20:38 G | 22780422.29 | 22780422.36 | 22780422.42 | 0.3683 | 0.2791 |
| Mercury | 57664-02-12 12:00 G | 22782445.90 | 22782446.00 | 22782446.10 | 0.3683 | 0.0328 |
| Mercury | 57669-08-28 03:07 G | 22784469.55 | 22784469.63 | 22784469.72 | 0.3682 | 0.2121 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 57694-07-27 03:22 G | 22793568.52 | 22793568.64 | 22793568.76 | 0.3688 | 0.2368 |
| Mercury | 57715-03-06 18:00 G | 22801095.16 | 22801095.25 | 22801095.34 | 0.3683 | 0.1862 |
| Mercury | 57720-09-19 09:22 G | 22803118.79 | 22803118.89 | 22803118.99 | 0.3682 | 0.0608 |
| Mercury | 57726-04-05 00:29 G | 22805142.47 | 22805142.52 | 22805142.58 | 0.3682 | 0.3033 |
| Mercury | 57751-03-04 05:31 G | 22814241.57 | 22814241.73 | 22814241.88 | 0.3688 | 0.0444 |
| Mercury | 57766-03-28 00:00 G | 22819744.46 | 22819744.50 | 22819744.53 | 0.3683 | 0.3425 |
| Mercury | 57771-10-11 15:22 G | 22821768.04 | 22821768.14 | 22821768.24 | 0.3683 | 0.0937 |
| Mercury | 57777-04-26 06:43 G | 22823791.68 | 22823791.78 | 22823791.87 | 0.3682 | 0.1517 |
| Mercury | 57807-10-10 07:41 G | 22834914.75 | 22834914.82 | 22834914.88 | 0.3688 | 0.3304 |
| Mercury | 57822-11-02 21:22 G | 22840417.32 | 22840417.39 | 22840417.46 | 0.3683 | 0.2492 |
| Mercury | 57828-05-18 12:43 G | 22842440.93 | 22842441.03 | 22842441.13 | 0.3682 | 0.0044 |
| Mercury | 57833-12-02 03:50 G | 22844464.59 | 22844464.66 | 22844464.74 | 0.3682 | 0.2425 |
| Mercury | 57858-10-31 00:14 G | 22853563.40 | 22853563.51 | 22853563.63 | 0.3688 | 0.2372 |
| Mercury | 57879-06-09 18:43 G | 22861090.19 | 22861090.28 | 22861090.37 | 0.3683 | 0.1566 |
| Mercury | 57884-12-23 10:05 G | 22863113.82 | 22863113.92 | 22863114.01 | 0.3682 | 0.0898 |
| Mercury | 57890-07-09 01:12 G | 22865137.51 | 22865137.55 | 22865137.59 | 0.3682 | 0.3330 |
| Mercury | 57915-06-08 02:24 G | 22874236.44 | 22874236.60 | 22874236.75 | 0.3688 | 0.0424 |
| Mercury | 57930-07-02 00:43 G | 22879739.48 | 22879739.53 | 22879739.58 | 0.3683 | 0.3136 |
| Mercury | 57936-01-15 16:05 G | 22881763.07 | 22881763.17 | 22881763.27 | 0.3683 | 0.0663 |
| Mercury | 57941-07-31 07:26 G | 22883786.72 | 22883786.81 | 22883786.89 | 0.3682 | 0.1807 |
| Mercury | 57972-01-13 04:19 G | 22894909.61 | 22894909.68 | 22894909.75 | 0.3688 | 0.3254 |
| Mercury | 57987-02-05 22:05 G | 22900412.34 | 22900412.42 | 22900412.50 | 0.3683 | 0.2214 |
| Mercury | 57992-08-21 13:26 G | 22902435.96 | 22902436.06 | 22902436.16 | 0.3682 | 0.0285 |
| Mercury | 57998-03-07 04:34 G | 22904459.63 | 22904459.69 | 22904459.76 | 0.3682 | 0.2720 |

59TH MILLENNIUM CE

This is a list of transits visible from Venus in the 59th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 58023-02-02 21:07 | G | 22913558.27 | 22913558.38 | 22913558.50 | 0.3688 | 0.2415 | |
| Mercury | 58043-09-12 19:26 | G | 22921085.21 | 22921085.31 | 22921085.40 | 0.3683 | 0.1285 | |
| Mercury | 58049-03-28 10:48 | G | 22923108.85 | 22923108.95 | 22923109.04 | 0.3682 | 0.1191 | |
| Mercury | 58054-10-12 01:55 | G | 22925132.57 | 22925132.58 | 22925132.60 | 0.3682 | 0.3627 | |
| Mercury | 58079-09-09 23:17 | G | 22934231.31 | 22934231.47 | 22934231.62 | 0.3688 | 0.0396 | |
| Mercury | 58094-10-04 01:26 | G | 22939734.49 | 22939734.56 | 22939734.62 | 0.3683 | 0.2846 | |
| Mercury | 58100-04-19 16:48 | G | 22941758.10 | 22941758.20 | 22941758.30 | 0.3682 | 0.0362 | |
| Mercury | 58105-11-03 08:10 | G | 22943781.75 | 22943781.84 | 22943781.92 | 0.3682 | 0.2110 | |
| Mercury | 58136-04-17 01:12 | G | 22954904.48 | 22954904.55 | 22954904.63 | 0.3688 | 0.3226 | |
| Mercury | 58151-05-11 22:48 | G | 22960407.36 | 22960407.45 | 22960407.53 | 0.3683 | 0.1910 | |
| Mercury | 58156-11-24 14:10 | G | 22962430.99 | 22962431.09 | 22962431.19 | 0.3682 | 0.0571 | |
| Mercury | 58162-06-10 05:31 | G | 22964454.67 | 22964454.73 | 22964454.78 | 0.3682 | 0.3022 | |
| Mercury | 58187-05-08 18:14 | G | 22973553.14 | 22973553.26 | 22973553.38 | 0.3688 | 0.2388 | |
| Mercury | 58202-06-03 04:48 | G | 22979056.67 | 22979056.70 | 22979056.73 | 0.3683 | 0.3484 | |
| Mercury | 58207-12-17 20:10 | G | 22981080.24 | 22981080.34 | 22981080.44 | 0.3683 | 0.0990 | |
| Mercury | 58213-07-02 11:31 | G | 22983103.89 | 22983103.98 | 22983104.07 | 0.3682 | 0.1489 | |
| Mercury | 58243-12-14 20:10 | G | 22994226.18 | 22994226.34 | 22994226.49 | 0.3688 | 0.0382 | |
| Mercury | 58259-01-08 02:10 | G | 22999729.51 | 22999729.59 | 22999729.66 | 0.3683 | 0.2564 | |
| Mercury | 58264-07-23 17:31 | G | 23001753.13 | 23001753.23 | 23001753.33 | 0.3682 | 0.0110 | |
| Mercury | 58270-02-06 08:53 | G | 23003776.79 | 23003776.87 | 23003776.94 | 0.3682 | 0.2398 | |
| Mercury | 58300-07-21 22:05 | G | 23014899.34 | 23014899.42 | 23014899.50 | 0.3688 | 0.3162 | |
| Mercury | 58315-08-15 23:31 | G | 23020402.39 | 23020402.48 | 23020402.57 | 0.3683 | 0.1626 | |
| Mercury | 58321-02-28 14:53 | G | 23022426.02 | 23022426.12 | 23022426.22 | 0.3682 | 0.0865 | |
| Mercury | 58326-09-14 06:00 | G | 23024449.71 | 23024449.75 | 23024449.80 | 0.3682 | 0.3309 | |
| Mercury | 58351-08-12 15:07 | G | 23033548.01 | 23033548.13 | 23033548.24 | 0.3688 | 0.2424 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 58366-09-06 05:17 G | 23039051.68 | 23039051.72 | 23039051.77 | 0.3683 | 0.3203 |
| Mercury | 58372-03-21 20:53 G | 23041075.27 | 23041075.37 | 23041075.47 | 0.3682 | 0.0695 |
| Mercury | 58377-10-05 12:14 G | 23043098.92 | 23043099.01 | 23043099.10 | 0.3682 | 0.1787 |
| Mercury | 58408-03-18 17:02 G | 23054221.05 | 23054221.21 | 23054221.36 | 0.3688 | 0.0346 |
| Mercury | 58423-04-13 02:53 G | 23059724.54 | 23059724.62 | 23059724.70 | 0.3683 | 0.2259 |
| Mercury | 58428-10-26 18:14 G | 23061748.16 | 23061748.26 | 23061748.36 | 0.3682 | 0.0250 |
| Mercury | 58434-05-12 09:36 G | 23063771.83 | 23063771.90 | 23063771.96 | 0.3682 | 0.2703 |
| Mercury | 58464-10-23 18:58 G | 23074894.21 | 23074894.29 | 23074894.37 | 0.3688 | 0.3153 |
| Mercury | 58479-11-18 00:14 G | 23080397.41 | 23080397.51 | 23080397.60 | 0.3683 | 0.1319 |
| Mercury | 58485-06-02 15:36 G | 23082421.05 | 23082421.15 | 23082421.24 | 0.3682 | 0.1170 |
| Mercury | 58490-12-17 06:43 G | 23084444.77 | 23084444.78 | 23084444.80 | 0.3682 | 0.3615 |
| Mercury | 58515-11-15 12:14 G | 23093542.89 | 23093543.01 | 23093543.12 | 0.3688 | 0.2393 |
| Mercury | 58530-12-10 06:00 G | 23099046.69 | 23099046.75 | 23099046.82 | 0.3683 | 0.2901 |
| Mercury | 58536-06-24 21:36 G | 23101070.30 | 23101070.40 | 23101070.50 | 0.3682 | 0.0396 |
| Mercury | 58542-01-08 12:58 G | 23103093.95 | 23103094.04 | 23103094.12 | 0.3682 | 0.2083 |
| Mercury | 58572-06-21 13:55 G | 23114215.93 | 23114216.08 | 23114216.24 | 0.3688 | 0.0343 |
| Mercury | 58587-07-17 03:22 G | 23119719.56 | 23119719.64 | 23119719.73 | 0.3683 | 0.1967 |
| Mercury | 58593-01-29 18:58 G | 23121743.18 | 23121743.29 | 23121743.39 | 0.3682 | 0.0550 |
| Mercury | 58598-08-15 10:19 G | 23123766.87 | 23123766.93 | 23123766.98 | 0.3682 | 0.2999 |
| Mercury | 58629-01-27 15:50 G | 23134889.08 | 23134889.16 | 23134889.24 | 0.3689 | 0.3119 |
| Mercury | 58638-08-08 09:22 G | 23138368.87 | 23138368.89 | 23138368.91 | 0.3683 | 0.3548 |
| Mercury | 58644-02-22 00:43 G | 23140392.44 | 23140392.53 | 23140392.63 | 0.3682 | 0.1039 |
| Mercury | 58649-09-06 16:19 G | 23142416.08 | 23142416.18 | 23142416.27 | 0.3682 | 0.1465 |
| Mercury | 58680-02-18 09:07 G | 23153537.76 | 23153537.88 | 23153537.99 | 0.3688 | 0.2404 |
| Mercury | 58695-03-15 06:43 G | 23159041.71 | 23159041.78 | 23159041.85 | 0.3683 | 0.2601 |
| Mercury | 58700-09-28 22:19 G | 23161065.32 | 23161065.43 | 23161065.53 | 0.3682 | 0.0178 |
| Mercury | 58706-04-14 13:41 G | 23163088.99 | 23163089.07 | 23163089.14 | 0.3682 | 0.2389 |
| Mercury | 58736-09-25 11:02 G | 23174210.80 | 23174210.96 | 23174211.11 | 0.3688 | 0.0356 |
| Mercury | 58751-10-21 04:05 G | 23179714.58 | 23179714.67 | 23179714.76 | 0.3682 | 0.1662 |
| Mercury | 58757-05-05 19:41 G | 23181738.22 | 23181738.32 | 23181738.42 | 0.3682 | 0.0851 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 58762-11-19 11:02 G | 23183761.92 | 23183761.96 | 23183762.00 | 0.3682 | 0.3311 |
| Mercury | 58793-05-02 12:58 G | 23194883.96 | 23194884.04 | 23194884.12 | 0.3689 | 0.3131 |
| Mercury | 58802-11-11 10:05 G | 23198363.87 | 23198363.92 | 23198363.97 | 0.3683 | 0.3240 |
| Mercury | 58808-05-27 01:41 G | 23200387.47 | 23200387.57 | 23200387.67 | 0.3682 | 0.0737 |
| Mercury | 58813-12-10 17:02 G | 23202411.12 | 23202411.21 | 23202411.30 | 0.3682 | 0.1772 |
| Mercury | 58844-05-23 06:14 G | 23213532.64 | 23213532.76 | 23213532.88 | 0.3688 | 0.2353 |
| Mercury | 58859-06-18 07:26 G | 23219036.73 | 23219036.81 | 23219036.89 | 0.3683 | 0.2297 |
| Mercury | 58864-12-31 22:48 G | 23221060.35 | 23221060.45 | 23221060.56 | 0.3682 | 0.0253 |
| Mercury | 58870-07-17 14:24 G | 23223084.03 | 23223084.10 | 23223084.16 | 0.3682 | 0.2694 |
| Mercury | 58900-12-29 07:55 G | 23234205.68 | 23234205.83 | 23234205.99 | 0.3689 | 0.0378 |
| Mercury | 58916-01-24 04:48 G | 23239709.61 | 23239709.70 | 23239709.80 | 0.3682 | 0.1368 |
| Mercury | 58921-08-08 20:24 G | 23241733.25 | 23241733.35 | 23241733.44 | 0.3682 | 0.1154 |
| Mercury | 58927-02-22 11:46 G | 23243756.97 | 23243756.99 | 23243757.00 | 0.3681 | 0.3606 |
| Mercury | 58957-08-05 09:36 G | 23254878.82 | 23254878.90 | 23254878.99 | 0.3689 | 0.3077 |
| Mercury | 58967-02-14 10:48 G | 23258358.89 | 23258358.95 | 23258359.01 | 0.3682 | 0.2955 |
| Mercury | 58972-08-30 02:10 G | 23260382.49 | 23260382.59 | 23260382.69 | 0.3682 | 0.0434 |
| Mercury | 58978-03-15 17:46 G | 23262406.15 | 23262406.24 | 23262406.32 | 0.3682 | 0.2076 |

60TH MILLENNIUM CE

This is a list of transits visible from Venus in the 60th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 59008-08-27 03:07 G | | 23273527.52 | 23273527.63 | 23273527.75 | 0.3688 | 0.2349 | |
| Mercury | 59023-09-22 08:10 G | | 23279031.75 | 23279031.84 | 23279031.92 | 0.3682 | 0.2007 | |

| | | | | | | |
|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 59029-04-06 23:31 G | 23281055.38 | 23281055.48 | 23281055.59 | 0.3682 | 0.0536 |
| Mercury | 59034-10-21 15:07 G | 23283079.07 | 23283079.13 | 23283079.18 | 0.3681 | 0.3001 |
| Mercury | 59065-04-03 05:02 G | 23294200.55 | 23294200.71 | 23294200.86 | 0.3688 | 0.0362 |
| Mercury | 59074-10-13 13:55 G | 23297681.07 | 23297681.08 | 23297681.10 | 0.3683 | 0.3600 |
| Mercury | 59080-04-28 05:31 G | 23299704.63 | 23299704.73 | 23299704.83 | 0.3682 | 0.1058 |
| Mercury | 59085-11-11 21:07 G | 23301728.28 | 23301728.38 | 23301728.47 | 0.3682 | 0.1462 |
| Mercury | 59121-11-09 06:43 G | 23314873.70 | 23314873.78 | 23314873.86 | 0.3689 | 0.3089 |
| Mercury | 59131-05-21 11:31 G | 23318353.91 | 23318353.98 | 23318354.05 | 0.3682 | 0.2647 |
| Mercury | 59136-12-04 02:53 G | 23320377.52 | 23320377.62 | 23320377.72 | 0.3682 | 0.0140 |
| Mercury | 59142-06-19 18:29 G | 23322401.19 | 23322401.27 | 23322401.34 | 0.3682 | 0.2388 |
| Mercury | 59172-11-30 00:29 G | 23333522.40 | 23333522.52 | 23333522.63 | 0.3688 | 0.2288 |
| Mercury | 59187-12-26 08:53 G | 23339026.78 | 23339026.87 | 23339026.96 | 0.3682 | 0.1701 |
| Mercury | 59193-07-11 00:14 G | 23341050.41 | 23341050.51 | 23341050.61 | 0.3682 | 0.0838 |
| Mercury | 59199-01-24 15:36 G | 23343074.11 | 23343074.15 | 23343074.20 | 0.3681 | 0.3298 |
| Mercury | 59229-07-07 01:55 G | 23354195.43 | 23354195.58 | 23354195.73 | 0.3689 | 0.0355 |
| Mercury | 59239-01-16 14:38 G | 23357676.07 | 23357676.11 | 23357676.15 | 0.3683 | 0.3304 |
| Mercury | 59244-08-01 06:14 G | 23359699.66 | 23359699.76 | 23359699.86 | 0.3682 | 0.0754 |
| Mercury | 59250-02-14 21:36 G | 23361723.31 | 23361723.40 | 23361723.49 | 0.3682 | 0.1749 |
| Mercury | 59286-02-11 03:50 G | 23374868.57 | 23374868.66 | 23374868.74 | 0.3689 | 0.3083 |
| Mercury | 59295-08-23 12:00 G | 23378348.93 | 23378349.00 | 23378349.08 | 0.3682 | 0.2349 |
| Mercury | 59301-03-09 03:36 G | 23380372.55 | 23380372.65 | 23380372.75 | 0.3682 | 0.0191 |
| Mercury | 59306-09-22 18:58 G | 23382396.22 | 23382396.29 | 23382396.36 | 0.3681 | 0.2681 |
| Mercury | 59337-03-04 21:22 G | 23393517.27 | 23393517.39 | 23393517.51 | 0.3688 | 0.2297 |
| Mercury | 59352-03-30 09:36 G | 23399021.80 | 23399021.90 | 23399021.99 | 0.3682 | 0.1399 |
| Mercury | 59357-10-14 00:58 G | 23401045.44 | 23401045.54 | 23401045.64 | 0.3682 | 0.1129 |
| Mercury | 59363-04-29 16:19 G | 23403069.17 | 23403069.18 | 23403069.20 | 0.3681 | 0.3615 |
| Mercury | 59393-10-09 23:02 G | 23414190.31 | 23414190.46 | 23414190.61 | 0.3689 | 0.0385 |
| Mercury | 59403-04-22 15:22 G | 23417671.08 | 23417671.14 | 23417671.20 | 0.3682 | 0.2992 |
| Mercury | 59408-11-05 06:58 G | 23419694.69 | 23419694.79 | 23419694.89 | 0.3682 | 0.0443 |
| Mercury | 59414-05-21 22:19 G | 23421718.35 | 23421718.43 | 23421718.52 | 0.3681 | 0.2067 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 59450-05-18 00:58 G | 23434863.46 | 23434863.54 | 23434863.62 | 0.3689 | 0.3133 |
| Mercury | 59459-11-27 12:43 G | 23438343.95 | 23438344.03 | 23438344.12 | 0.3682 | 0.2034 |
| Mercury | 59465-06-12 04:19 G | 23440367.58 | 23440367.68 | 23440367.78 | 0.3682 | 0.0505 |
| Mercury | 59470-12-26 19:41 G | 23442391.27 | 23442391.32 | 23442391.38 | 0.3681 | 0.2997 |
| Mercury | 59501-06-08 18:29 G | 23453512.15 | 23453512.27 | 23453512.39 | 0.3689 | 0.2228 |
| Mercury | 59510-12-19 18:29 G | 23456993.26 | 23456993.27 | 23456993.28 | 0.3683 | 0.3651 |
| Mercury | 59516-07-04 10:05 G | 23459016.83 | 23459016.92 | 23459017.02 | 0.3682 | 0.1088 |
| Mercury | 59522-01-18 01:41 G | 23461040.47 | 23461040.57 | 23461040.66 | 0.3682 | 0.1435 |
| Mercury | 59558-01-13 20:24 G | 23474185.19 | 23474185.35 | 23474185.50 | 0.3689 | 0.0462 |
| Mercury | 59567-07-26 16:05 G | 23477666.10 | 23477666.17 | 23477666.24 | 0.3682 | 0.2689 |
| Mercury | 59573-02-08 07:26 G | 23479689.71 | 23479689.81 | 23479689.92 | 0.3682 | 0.0215 |
| Mercury | 59578-08-24 23:02 G | 23481713.38 | 23481713.46 | 23481713.54 | 0.3681 | 0.2370 |
| Mercury | 59614-08-20 21:50 G | 23494858.33 | 23494858.41 | 23494858.49 | 0.3689 | 0.3105 |
| Mercury | 59624-03-01 13:26 G | 23498338.97 | 23498339.06 | 23498339.15 | 0.3682 | 0.1734 |
| Mercury | 59629-09-15 05:02 G | 23500362.61 | 23500362.71 | 23500362.81 | 0.3682 | 0.0814 |
| Mercury | 59635-03-31 20:24 G | 23502386.31 | 23502386.35 | 23502386.39 | 0.3681 | 0.3309 |
| Mercury | 59665-09-10 15:50 G | 23513507.03 | 23513507.16 | 23513507.28 | 0.3688 | 0.2178 |
| Mercury | 59675-03-23 19:12 G | 23516988.26 | 23516988.30 | 23516988.34 | 0.3682 | 0.3342 |
| Mercury | 59680-10-06 10:48 G | 23519011.85 | 23519011.95 | 23519012.05 | 0.3682 | 0.0778 |
| Mercury | 59686-04-22 02:24 G | 23521035.51 | 23521035.60 | 23521035.69 | 0.3681 | 0.1752 |
| Mercury | 59722-04-18 17:17 G | 23534180.07 | 23534180.22 | 23534180.38 | 0.3689 | 0.0492 |
| Mercury | 59731-10-29 16:34 G | 23537661.12 | 23537661.19 | 23537661.27 | 0.3682 | 0.2381 |
| Mercury | 59737-05-14 08:10 G | 23539684.74 | 23539684.84 | 23539684.95 | 0.3682 | 0.0217 |
| Mercury | 59742-11-27 23:46 G | 23541708.42 | 23541708.49 | 23541708.56 | 0.3681 | 0.2694 |
| Mercury | 59778-11-23 18:58 G | 23554853.22 | 23554853.29 | 23554853.37 | 0.3689 | 0.3153 |
| Mercury | 59788-06-04 14:10 G | 23558333.99 | 23558334.09 | 23558334.18 | 0.3682 | 0.1416 |
| Mercury | 59793-12-19 05:46 G | 23560357.64 | 23560357.74 | 23560357.83 | 0.3682 | 0.1133 |
| Mercury | 59799-07-04 21:07 G | 23562381.37 | 23562381.38 | 23562381.39 | 0.3681 | 0.3629 |
| Mercury | 59829-12-15 12:58 G | 23573501.92 | 23573502.04 | 23573502.17 | 0.3689 | 0.2083 |
| Mercury | 59839-06-27 19:55 G | 23576983.27 | 23576983.33 | 23576983.39 | 0.3682 | 0.3028 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 59845-01-10 11:31 G | 23579006.88 | 23579006.98 | 23579007.08 | 0.3682 | 0.0468 |
| Mercury | 59850-07-27 03:07 G | 23581030.54 | 23581030.63 | 23581030.71 | 0.3682 | 0.2068 |
| Mercury | 59886-07-22 14:24 G | 23594174.95 | 23594175.10 | 23594175.25 | 0.3689 | 0.0495 |
| Mercury | 59896-02-01 17:17 G | 23597656.14 | 23597656.22 | 23597656.30 | 0.3682 | 0.2075 |
| Mercury | 59901-08-18 08:53 G | 23599679.77 | 23599679.87 | 23599679.97 | 0.3682 | 0.0486 |
| Mercury | 59907-03-04 00:29 G | 23601703.46 | 23601703.52 | 23601703.57 | 0.3681 | 0.2999 |
| Mercury | 59943-02-27 16:05 G | 23614848.09 | 23614848.17 | 23614848.25 | 0.3689 | 0.3154 |
| Mercury | 59952-09-08 14:38 G | 23618329.02 | 23618329.11 | 23618329.21 | 0.3682 | 0.1120 |
| Mercury | 59958-03-25 06:14 G | 23620352.67 | 23620352.76 | 23620352.86 | 0.3681 | 0.1439 |
| Mercury | 59994-03-20 10:05 G | 23633496.80 | 23633496.92 | 23633497.05 | 0.3689 | 0.2067 |

61ST MILLENNIUM CE

This is a list of transits visible from Venus in the 61st millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 60003-09-30 20:24 G | | 23636978.29 | 23636978.35 | 23636978.42 | 0.3682 | 0.2733 | |
| Mercury | 60009-04-15 12:14 G | | 23639001.90 | 23639002.01 | 23639002.11 | 0.3682 | 0.0188 | |
| Mercury | 60014-10-30 03:36 G | | 23641025.58 | 23641025.65 | 23641025.73 | 0.3681 | 0.2387 | |
| Mercury | 60050-10-25 11:46 G | | 23654169.84 | 23654169.99 | 23654170.14 | 0.3689 | 0.0557 | |
| Mercury | 60060-05-06 18:00 G | | 23657651.16 | 23657651.25 | 23657651.34 | 0.3682 | 0.1755 | |
| Mercury | 60065-11-20 09:36 G | | 23659674.80 | 23659674.90 | 23659675.00 | 0.3682 | 0.0808 | |
| Mercury | 60071-06-06 01:12 G | | 23661698.51 | 23661698.55 | 23661698.59 | 0.3681 | 0.3323 | |
| Mercury | 60107-06-02 13:12 G | | 23674842.98 | 23674843.05 | 23674843.13 | 0.3689 | 0.3216 | |
| Mercury | 60111-05-29 23:46 G | | 23676300.45 | 23676300.49 | 23676300.53 | 0.3682 | 0.3381 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 60116-12-12 15:22 G | 23678324.04 | 23678324.14 | 23678324.24 | 0.3682 | 0.0794 |
| Mercury | 60122-06-28 06:58 G | 23680347.70 | 23680347.79 | 23680347.88 | 0.3681 | 0.1759 |
| Mercury | 60158-06-23 07:26 G | 23693491.68 | 23693491.81 | 23693491.94 | 0.3689 | 0.1971 |
| Mercury | 60168-01-03 21:07 G | 23696973.30 | 23696973.38 | 23696973.46 | 0.3682 | 0.2412 |
| Mercury | 60173-07-19 12:43 G | 23698996.93 | 23698997.03 | 23698997.14 | 0.3682 | 0.0239 |
| Mercury | 60179-02-02 04:19 G | 23701020.61 | 23701020.68 | 23701020.75 | 0.3681 | 0.2693 |
| Mercury | 60215-01-29 08:53 G | 23714164.72 | 23714164.87 | 23714165.02 | 0.3689 | 0.0631 |
| Mercury | 60224-08-10 18:43 G | 23717646.18 | 23717646.28 | 23717646.37 | 0.3682 | 0.1451 |
| Mercury | 60230-02-24 10:19 G | 23719669.83 | 23719669.93 | 23719670.02 | 0.3681 | 0.1120 |
| Mercury | 60235-09-10 01:41 G | 23721693.56 | 23721693.57 | 23721693.59 | 0.3681 | 0.3633 |
| Mercury | 60271-09-05 10:19 G | 23734837.86 | 23734837.93 | 23734838.00 | 0.3689 | 0.3229 |
| Mercury | 60275-09-02 00:14 G | 23736295.46 | 23736295.51 | 23736295.57 | 0.3682 | 0.3077 |
| Mercury | 60281-03-17 16:05 G | 23738319.07 | 23738319.17 | 23738319.27 | 0.3682 | 0.0485 |
| Mercury | 60286-10-01 07:41 G | 23740342.73 | 23740342.82 | 23740342.90 | 0.3681 | 0.2066 |
| Mercury | 60322-09-27 04:48 G | 23753486.57 | 23753486.70 | 23753486.83 | 0.3689 | 0.1895 |
| Mercury | 60332-04-08 21:50 G | 23756968.32 | 23756968.41 | 23756968.49 | 0.3682 | 0.2094 |
| Mercury | 60337-10-23 13:26 G | 23758991.96 | 23758992.06 | 23758992.16 | 0.3681 | 0.0482 |
| Mercury | 60343-05-09 05:02 G | 23761015.65 | 23761015.71 | 23761015.77 | 0.3681 | 0.3016 |
| Mercury | 60379-05-04 06:14 G | 23774159.61 | 23774159.76 | 23774159.91 | 0.3689 | 0.0686 |
| Mercury | 60388-11-13 19:12 G | 23777641.20 | 23777641.30 | 23777641.40 | 0.3682 | 0.1125 |
| Mercury | 60394-05-30 10:48 G | 23779664.86 | 23779664.95 | 23779665.05 | 0.3681 | 0.1447 |
| Mercury | 60435-12-09 07:41 G | 23794832.76 | 23794832.82 | 23794832.89 | 0.3689 | 0.3314 |
| Mercury | 60439-12-06 00:58 G | 23796290.48 | 23796290.54 | 23796290.61 | 0.3682 | 0.2748 |
| Mercury | 60445-06-20 16:48 G | 23798314.09 | 23798314.20 | 23798314.30 | 0.3682 | 0.0188 |
| Mercury | 60451-01-04 08:24 G | 23800337.77 | 23800337.85 | 23800337.92 | 0.3681 | 0.2393 |
| Mercury | 60486-12-30 02:10 G | 23813481.46 | 23813481.59 | 23813481.72 | 0.3689 | 0.1793 |
| Mercury | 60496-07-11 22:34 G | 23816963.35 | 23816963.44 | 23816963.53 | 0.3682 | 0.1779 |
| Mercury | 60502-01-26 14:10 G | 23818986.99 | 23818987.09 | 23818987.19 | 0.3682 | 0.0799 |
| Mercury | 60507-08-12 05:46 G | 23821010.70 | 23821010.74 | 23821010.78 | 0.3681 | 0.3336 |
| Mercury | 60543-08-07 03:22 G | 23834154.49 | 23834154.64 | 23834154.79 | 0.3689 | 0.0725 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 60547-08-04 04:05 G | 23835612.64 | 23835612.67 | 23835612.71 | 0.3683 | 0.3419 |
| Mercury | 60553-02-16 19:55 G | 23837636.23 | 23837636.33 | 23837636.43 | 0.3682 | 0.0820 |
| Mercury | 60558-09-02 11:31 G | 23839659.89 | 23839659.98 | 23839660.07 | 0.3681 | 0.1755 |
| Mercury | 60600-03-14 04:48 G | 23854827.64 | 23854827.70 | 23854827.77 | 0.3689 | 0.3331 |
| Mercury | 60604-03-11 01:41 G | 23856285.49 | 23856285.57 | 23856285.64 | 0.3682 | 0.2445 |
| Mercury | 60609-09-24 17:17 G | 23858309.12 | 23858309.22 | 23858309.33 | 0.3682 | 0.0165 |
| Mercury | 60615-04-10 08:53 G | 23860332.81 | 23860332.87 | 23860332.94 | 0.3681 | 0.2714 |
| Mercury | 60651-04-04 23:17 G | 23873476.34 | 23873476.47 | 23873476.60 | 0.3689 | 0.1745 |
| Mercury | 60660-10-15 23:02 G | 23876958.37 | 23876958.46 | 23876958.56 | 0.3682 | 0.1465 |
| Mercury | 60666-05-01 14:53 G | 23878982.02 | 23878982.12 | 23878982.21 | 0.3681 | 0.1134 |
| Mercury | 60671-11-15 06:29 G | 23881005.76 | 23881005.77 | 23881005.77 | 0.3681 | 0.3663 |
| Mercury | 60707-11-11 00:43 G | 23894149.39 | 23894149.53 | 23894149.68 | 0.3689 | 0.0833 |
| Mercury | 60711-11-08 04:48 G | 23895607.65 | 23895607.70 | 23895607.75 | 0.3682 | 0.3099 |
| Mercury | 60717-05-23 20:38 G | 23897631.25 | 23897631.36 | 23897631.46 | 0.3682 | 0.0508 |
| Mercury | 60722-12-07 12:14 G | 23899654.93 | 23899655.01 | 23899655.09 | 0.3681 | 0.2087 |
| Mercury | 60764-06-17 02:10 G | 23914822.54 | 23914822.59 | 23914822.65 | 0.3689 | 0.3418 |
| Mercury | 60768-06-14 02:10 G | 23916280.51 | 23916280.59 | 23916280.68 | 0.3682 | 0.2120 |
| Mercury | 60773-12-28 18:00 G | 23918304.15 | 23918304.25 | 23918304.35 | 0.3682 | 0.0485 |
| Mercury | 60779-07-14 09:36 G | 23920327.85 | 23920327.90 | 23920327.96 | 0.3681 | 0.3040 |
| Mercury | 60815-07-08 20:53 G | 23933471.23 | 23933471.37 | 23933471.50 | 0.3689 | 0.1624 |
| Mercury | 60825-01-18 23:46 G | 23936953.39 | 23936953.49 | 23936953.59 | 0.3682 | 0.1148 |
| Mercury | 60830-08-04 15:22 G | 23938977.05 | 23938977.14 | 23938977.24 | 0.3681 | 0.1453 |
| Mercury | 60872-02-12 22:05 G | 23954144.28 | 23954144.42 | 23954144.57 | 0.3689 | 0.0913 |
| Mercury | 60876-02-10 05:17 G | 23955602.66 | 23955602.72 | 23955602.79 | 0.3682 | 0.2793 |
| Mercury | 60881-08-25 21:07 G | 23957626.28 | 23957626.38 | 23957626.48 | 0.3682 | 0.0174 |
| Mercury | 60887-03-11 12:43 G | 23959649.96 | 23959650.03 | 23959650.11 | 0.3681 | 0.2401 |
| Mercury | 60928-09-19 23:31 G | 23974817.43 | 23974817.48 | 23974817.53 | 0.3689 | 0.3468 |
| Mercury | 60932-09-17 02:53 G | 23976275.53 | 23976275.62 | 23976275.71 | 0.3682 | 0.1804 |
| Mercury | 60938-04-02 18:43 G | 23978299.17 | 23978299.28 | 23978299.38 | 0.3681 | 0.0818 |
| Mercury | 60943-10-17 10:19 G | 23980322.89 | 23980322.93 | 23980322.97 | 0.3681 | 0.3353 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 60979-10-11 18:14 G | 23993466.12 | 23993466.26 | 23993466.40 | 0.3689 | 0.1512 |
| Mercury | 60983-10-09 08:24 G | 23994924.82 | 23994924.85 | 23994924.89 | 0.3682 | 0.3462 |
| Mercury | 60989-04-24 00:14 G | 23996948.41 | 23996948.51 | 23996948.61 | 0.3682 | 0.0827 |
| Mercury | 60994-11-07 16:05 G | 23998972.08 | 23998972.17 | 23998972.26 | 0.3681 | 0.1769 |

62ND MILLENNIUM CE

This is a list of transits visible from Venus in the 62nd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 61036-05-18 19:41 G | | 24014139.17 | 24014139.32 | 24014139.46 | 0.3689 | 0.1018 | |
| Mercury | 61040-05-16 06:00 G | | 24015597.67 | 24015597.75 | 24015597.83 | 0.3682 | 0.2462 | |
| Mercury | 61045-11-29 21:50 G | | 24017621.31 | 24017621.41 | 24017621.51 | 0.3682 | 0.0171 | |
| Mercury | 61051-06-15 13:26 G | | 24019645.00 | 24019645.06 | 24019645.13 | 0.3681 | 0.2733 | |
| Mercury | 61092-12-23 20:53 G | | 24034812.34 | 24034812.37 | 24034812.41 | 0.3689 | 0.3563 | |
| Mercury | 61096-12-21 03:36 G | | 24036270.55 | 24036270.65 | 24036270.74 | 0.3682 | 0.1478 | |
| Mercury | 61102-07-07 19:12 G | | 24038294.21 | 24038294.30 | 24038294.40 | 0.3681 | 0.1142 | |
| Mercury | 61144-01-15 15:50 G | | 24053461.02 | 24053461.16 | 24053461.29 | 0.3689 | 0.1392 | |
| Mercury | 61148-01-13 09:07 G | | 24054919.83 | 24054919.88 | 24054919.93 | 0.3682 | 0.3135 | |
| Mercury | 61153-07-29 00:58 G | | 24056943.44 | 24056943.54 | 24056943.64 | 0.3682 | 0.0489 | |
| Mercury | 61159-02-11 16:34 G | | 24058967.11 | 24058967.19 | 24058967.28 | 0.3681 | 0.2095 | |
| Mercury | 61200-08-21 16:48 G | | 24074134.06 | 24074134.20 | 24074134.34 | 0.3689 | 0.1070 | |
| Mercury | 61204-08-19 06:29 G | | 24075592.69 | 24075592.77 | 24075592.86 | 0.3682 | 0.2147 | |
| Mercury | 61210-03-04 22:19 G | | 24077616.33 | 24077616.43 | 24077616.54 | 0.3682 | 0.0488 | |
| Mercury | 61215-09-18 14:10 G | | 24079640.03 | 24079640.09 | 24079640.14 | 0.3681 | 0.3051 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 61257-03-28 18:00 G | 24094807.22 | 24094807.25 | 24094807.28 | 0.3689 | 0.3592 |
| Mercury | 61261-03-26 04:05 G | 24096265.57 | 24096265.67 | 24096265.77 | 0.3682 | 0.1155 |
| Mercury | 61266-10-09 19:55 G | 24098289.23 | 24098289.33 | 24098289.42 | 0.3681 | 0.1453 |
| Mercury | 61308-04-19 13:12 G | 24113455.91 | 24113456.05 | 24113456.18 | 0.3689 | 0.1305 |
| Mercury | 61312-04-17 09:36 G | 24114914.84 | 24114914.90 | 24114914.97 | 0.3682 | 0.2811 |
| Mercury | 61317-11-01 01:26 G | 24116938.46 | 24116938.56 | 24116938.67 | 0.3682 | 0.0233 |
| Mercury | 61323-05-17 17:17 G | 24118962.15 | 24118962.22 | 24118962.30 | 0.3681 | 0.2426 |
| Mercury | 61364-11-24 14:24 G | 24134128.96 | 24134129.10 | 24134129.24 | 0.3689 | 0.1183 |
| Mercury | 61368-11-22 07:12 G | 24135587.71 | 24135587.80 | 24135587.89 | 0.3682 | 0.1810 |
| Mercury | 61374-06-07 23:02 G | 24137611.36 | 24137611.46 | 24137611.56 | 0.3681 | 0.0812 |
| Mercury | 61379-12-22 14:53 G | 24139635.08 | 24139635.12 | 24139635.15 | 0.3681 | 0.3393 |
| Mercury | 61415-12-17 09:36 G | 24152777.87 | 24152777.90 | 24152777.93 | 0.3688 | 0.3589 |
| Mercury | 61419-12-15 12:43 G | 24154237.00 | 24154237.03 | 24154237.06 | 0.3683 | 0.3480 |
| Mercury | 61425-06-30 04:48 G | 24156260.59 | 24156260.70 | 24156260.80 | 0.3682 | 0.0828 |
| Mercury | 61431-01-13 20:24 G | 24158284.26 | 24158284.35 | 24158284.44 | 0.3681 | 0.1794 |
| Mercury | 61472-07-23 10:34 G | 24173450.80 | 24173450.94 | 24173451.08 | 0.3689 | 0.1183 |
| Mercury | 61476-07-21 10:19 G | 24174909.85 | 24174909.93 | 24174910.01 | 0.3682 | 0.2479 |
| Mercury | 61482-02-04 02:10 G | 24176933.49 | 24176933.59 | 24176933.69 | 0.3682 | 0.0156 |
| Mercury | 61487-08-20 18:00 G | 24178957.18 | 24178957.25 | 24178957.32 | 0.3681 | 0.2754 |
| Mercury | 61529-02-28 11:46 G | 24194123.85 | 24194123.99 | 24194124.13 | 0.3689 | 0.1280 |
| Mercury | 61533-02-26 07:41 G | 24195582.73 | 24195582.82 | 24195582.92 | 0.3682 | 0.1499 |
| Mercury | 61538-09-11 23:31 G | 24197606.39 | 24197606.48 | 24197606.58 | 0.3682 | 0.1147 |
| Mercury | 61580-03-21 06:58 G | 24212772.75 | 24212772.79 | 24212772.84 | 0.3688 | 0.3478 |
| Mercury | 61584-03-19 13:26 G | 24214232.00 | 24214232.06 | 24214232.11 | 0.3682 | 0.3170 |
| Mercury | 61589-10-03 05:17 G | 24216255.62 | 24216255.72 | 24216255.82 | 0.3682 | 0.0499 |
| Mercury | 61595-04-18 21:07 G | 24218279.30 | 24218279.38 | 24218279.46 | 0.3681 | 0.2116 |
| Mercury | 61636-10-26 08:10 G | 24233445.70 | 24233445.84 | 24233445.98 | 0.3689 | 0.1055 |
| Mercury | 61640-10-24 10:48 G | 24234904.87 | 24234904.95 | 24234905.04 | 0.3682 | 0.2163 |
| Mercury | 61646-05-10 02:53 G | 24236928.51 | 24236928.62 | 24236928.72 | 0.3682 | 0.0513 |
| Mercury | 61651-11-23 18:29 G | 24238952.22 | 24238952.27 | 24238952.33 | 0.3681 | 0.3092 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 61693-06-02 09:22 G | 24254118.75 | 24254118.89 | 24254119.03 | 0.3689 | 0.1426 |
| Mercury | 61697-05-31 08:24 G | 24255577.75 | 24255577.85 | 24255577.95 | 0.3682 | 0.1155 |
| Mercury | 61702-12-16 00:14 G | 24257601.42 | 24257601.51 | 24257601.61 | 0.3681 | 0.1480 |
| Mercury | 61744-06-24 04:34 G | 24272767.63 | 24272767.69 | 24272767.76 | 0.3688 | 0.3308 |
| Mercury | 61748-06-22 13:55 G | 24274227.02 | 24274227.08 | 24274227.15 | 0.3682 | 0.2830 |
| Mercury | 61754-01-06 06:00 G | 24276250.64 | 24276250.75 | 24276250.85 | 0.3682 | 0.0207 |
| Mercury | 61759-07-22 21:50 G | 24278274.33 | 24278274.41 | 24278274.48 | 0.3681 | 0.2457 |
| Mercury | 61801-01-30 05:46 G | 24293440.60 | 24293440.74 | 24293440.88 | 0.3689 | 0.0901 |
| Mercury | 61805-01-28 11:31 G | 24294899.89 | 24294899.98 | 24294900.07 | 0.3682 | 0.1833 |
| Mercury | 61810-08-14 03:22 G | 24296923.54 | 24296923.64 | 24296923.74 | 0.3682 | 0.0827 |
| Mercury | 61816-02-27 19:12 G | 24298947.26 | 24298947.30 | 24298947.33 | 0.3681 | 0.3414 |
| Mercury | 61856-02-19 17:02 G | 24313549.18 | 24313549.21 | 24313549.23 | 0.3683 | 0.3525 |
| Mercury | 61857-09-06 06:43 G | 24314113.65 | 24314113.78 | 24314113.92 | 0.3689 | 0.1511 |
| Mercury | 61861-09-04 08:53 G | 24315572.77 | 24315572.87 | 24315572.98 | 0.3682 | 0.0838 |
| Mercury | 61867-03-21 00:58 G | 24317596.45 | 24317596.54 | 24317596.63 | 0.3681 | 0.1805 |
| Mercury | 61908-09-28 02:10 G | 24332762.52 | 24332762.59 | 24332762.67 | 0.3688 | 0.3172 |
| Mercury | 61912-09-26 14:24 G | 24334222.03 | 24334222.10 | 24334222.18 | 0.3682 | 0.2510 |
| Mercury | 61918-04-12 06:29 G | 24336245.67 | 24336245.77 | 24336245.87 | 0.3682 | 0.0168 |
| Mercury | 61923-10-26 22:19 G | 24338269.36 | 24338269.43 | 24338269.50 | 0.3681 | 0.2780 |
| Mercury | 61965-05-05 03:22 G | 24353435.50 | 24353435.64 | 24353435.78 | 0.3689 | 0.0771 |
| Mercury | 61969-05-03 12:00 G | 24354894.91 | 24354895.00 | 24354895.10 | 0.3682 | 0.1494 |
| Mercury | 61974-11-17 04:05 G | 24356918.57 | 24356918.67 | 24356918.76 | 0.3681 | 0.1164 |

63RD MILLENNIUM CE

This is a list of transits visible from Venus in the 63rd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 62020-05-24 17:31 | G | 24373544.18 | 24373544.23 | 24373544.28 | 0.3683 | 0.3184 | |
| Mercury | 62021-12-10 04:19 | G | 24374108.55 | 24374108.68 | 24374108.81 | 0.3689 | 0.1646 | |
| Mercury | 62025-12-08 09:36 | G | 24375567.79 | 24375567.90 | 24375568.00 | 0.3682 | 0.0491 | |
| Mercury | 62031-06-24 01:26 | G | 24377591.48 | 24377591.56 | 24377591.65 | 0.3681 | 0.2144 | |
| Mercury | 62072-12-31 00:00 | G | 24392757.42 | 24392757.50 | 24392757.58 | 0.3688 | 0.2982 | |
| Mercury | 62076-12-29 15:07 | G | 24394217.05 | 24394217.13 | 24394217.21 | 0.3682 | 0.2163 | |
| Mercury | 62082-07-15 07:12 | G | 24396240.69 | 24396240.80 | 24396240.90 | 0.3682 | 0.0529 | |
| Mercury | 62088-01-28 23:02 | G | 24398264.40 | 24398264.46 | 24398264.51 | 0.3681 | 0.3122 | |
| Mercury | 62129-08-08 00:58 | G | 24413430.39 | 24413430.54 | 24413430.68 | 0.3689 | 0.0647 | |
| Mercury | 62133-08-06 12:43 | G | 24414889.93 | 24414890.03 | 24414890.13 | 0.3682 | 0.1164 | |
| Mercury | 62139-02-20 04:34 | G | 24416913.59 | 24416913.69 | 24416913.78 | 0.3682 | 0.1486 | |
| Mercury | 62184-08-27 18:00 | G | 24433539.19 | 24433539.25 | 24433539.32 | 0.3683 | 0.2854 | |
| Mercury | 62186-03-15 01:55 | G | 24434103.45 | 24434103.58 | 24434103.71 | 0.3689 | 0.1764 | |
| Mercury | 62190-03-13 10:05 | G | 24435562.82 | 24435562.92 | 24435563.03 | 0.3682 | 0.0170 | |
| Mercury | 62195-09-27 02:10 | G | 24437586.51 | 24437586.59 | 24437586.66 | 0.3681 | 0.2479 | |
| Mercury | 62237-04-05 21:36 | G | 24452752.31 | 24452752.40 | 24452752.49 | 0.3688 | 0.2851 | |
| Mercury | 62241-04-04 15:36 | G | 24454212.06 | 24454212.15 | 24454212.24 | 0.3682 | 0.1841 | |
| Mercury | 62246-10-19 07:41 | G | 24456235.72 | 24456235.82 | 24456235.92 | 0.3682 | 0.0834 | |
| Mercury | 62252-05-03 23:31 | G | 24458259.45 | 24458259.48 | 24458259.51 | 0.3681 | 0.3459 | |
| Mercury | 62292-04-25 21:07 | G | 24472861.35 | 24472861.38 | 24472861.40 | 0.3683 | 0.3542 | |
| Mercury | 62293-11-10 22:34 | G | 24473425.30 | 24473425.44 | 24473425.59 | 0.3689 | 0.0487 | |
| Mercury | 62297-11-09 13:12 | G | 24474884.95 | 24474885.05 | 24474885.15 | 0.3682 | 0.0832 | |
| Mercury | 62303-05-27 05:17 | G | 24476908.63 | 24476908.72 | 24476908.81 | 0.3681 | 0.1840 | |
| Mercury | 62348-12-01 18:43 | G | 24493534.20 | 24493534.28 | 24493534.35 | 0.3682 | 0.2514 | |
| Mercury | 62350-06-18 23:31 | G | 24494098.36 | 24494098.48 | 24494098.61 | 0.3689 | 0.1927 | |
| Mercury | 62354-06-17 10:48 | G | 24495557.84 | 24495557.95 | 24495558.05 | 0.3682 | 0.0209 | |
| Mercury | 62360-01-01 02:38 | G | 24497581.55 | 24497581.61 | 24497581.68 | 0.3681 | 0.2825 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 62401-07-09 19:26 G | 24512747.21 | 24512747.31 | 24512747.41 | 0.3688 | 0.2662 |
| Mercury | 62405-07-08 16:19 G | 24514207.08 | 24514207.18 | 24514207.27 | 0.3682 | 0.1505 |
| Mercury | 62411-01-22 08:10 G | 24516230.74 | 24516230.84 | 24516230.94 | 0.3682 | 0.1184 |
| Mercury | 62456-07-29 21:36 G | 24532856.35 | 24532856.40 | 24532856.45 | 0.3683 | 0.3200 |
| Mercury | 62458-02-13 20:24 G | 24533420.20 | 24533420.35 | 24533420.49 | 0.3689 | 0.0329 |
| Mercury | 62462-02-12 13:41 G | 24534879.97 | 24534880.07 | 24534880.18 | 0.3682 | 0.0498 |
| Mercury | 62467-08-29 05:46 G | 24536903.66 | 24536903.74 | 24536903.82 | 0.3682 | 0.2172 |
| Mercury | 62513-03-06 19:12 G | 24553529.21 | 24553529.30 | 24553529.38 | 0.3682 | 0.2191 |
| Mercury | 62514-09-21 21:07 G | 24554093.26 | 24554093.38 | 24554093.50 | 0.3689 | 0.2022 |
| Mercury | 62518-09-20 11:17 G | 24555552.87 | 24555552.97 | 24555553.07 | 0.3682 | 0.0513 |
| Mercury | 62524-04-05 03:07 G | 24557576.58 | 24557576.63 | 24557576.69 | 0.3681 | 0.3154 |
| Mercury | 62565-10-12 17:02 G | 24572742.11 | 24572742.21 | 24572742.32 | 0.3688 | 0.2493 |
| Mercury | 62569-10-11 16:48 G | 24574202.10 | 24574202.20 | 24574202.30 | 0.3682 | 0.1172 |
| Mercury | 62575-04-27 08:53 G | 24576225.77 | 24576225.87 | 24576225.96 | 0.3682 | 0.1522 |
| Mercury | 62620-11-02 22:05 G | 24592851.36 | 24592851.42 | 24592851.49 | 0.3683 | 0.2877 |
| Mercury | 62622-05-20 18:00 G | 24593415.10 | 24593415.25 | 24593415.39 | 0.3688 | 0.0170 |
| Mercury | 62626-05-19 14:24 G | 24594874.99 | 24594875.10 | 24594875.20 | 0.3682 | 0.0200 |
| Mercury | 62631-12-03 06:14 G | 24596898.69 | 24596898.76 | 24596898.84 | 0.3681 | 0.2517 |
| Mercury | 62677-06-09 19:41 G | 24613524.23 | 24613524.32 | 24613524.41 | 0.3682 | 0.1845 |
| Mercury | 62678-12-25 18:58 G | 24614088.17 | 24614088.29 | 24614088.40 | 0.3689 | 0.2191 |
| Mercury | 62682-12-24 11:46 G | 24615547.89 | 24615547.99 | 24615548.10 | 0.3682 | 0.0878 |
| Mercury | 62688-07-09 03:50 G | 24617571.63 | 24617571.66 | 24617571.69 | 0.3681 | 0.3503 |
| Mercury | 62728-07-02 01:12 G | 24632173.52 | 24632173.55 | 24632173.57 | 0.3683 | 0.3565 |
| Mercury | 62730-01-16 14:53 G | 24632737.01 | 24632737.12 | 24632737.23 | 0.3688 | 0.2296 |
| Mercury | 62734-01-15 17:17 G | 24634197.12 | 24634197.22 | 24634197.32 | 0.3682 | 0.0823 |
| Mercury | 62739-08-01 09:22 G | 24636220.80 | 24636220.89 | 24636220.98 | 0.3682 | 0.1868 |
| Mercury | 62785-02-05 22:34 G | 24652846.37 | 24652846.44 | 24652846.52 | 0.3683 | 0.2542 |
| Mercury | 62786-08-23 15:36 G | 24653410.01 | 24653410.15 | 24653410.30 | 0.3689 | 0.0037 |
| Mercury | 62790-08-22 14:53 G | 24654870.01 | 24654870.12 | 24654870.22 | 0.3682 | 0.0196 |
| Mercury | 62796-03-07 06:58 G | 24656893.72 | 24656893.79 | 24656893.85 | 0.3681 | 0.2850 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 62841-09-12 20:10 G | 24673519.25 | 24673519.34 | 24673519.44 | 0.3683 | 0.1514 |
| Mercury | 62843-03-30 16:34 G | 24674083.08 | 24674083.19 | 24674083.30 | 0.3689 | 0.2329 |
| Mercury | 62847-03-29 12:29 G | 24675542.92 | 24675543.02 | 24675543.12 | 0.3682 | 0.1201 |
| Mercury | 62892-10-04 01:41 G | 24692168.52 | 24692168.57 | 24692168.61 | 0.3683 | 0.3237 |
| Mercury | 62894-04-20 12:29 G | 24692731.91 | 24692732.02 | 24692732.14 | 0.3688 | 0.2159 |
| Mercury | 62898-04-19 17:46 G | 24694192.14 | 24694192.24 | 24694192.35 | 0.3682 | 0.0494 |
| Mercury | 62903-11-04 09:50 G | 24696215.83 | 24696215.91 | 24696216.00 | 0.3681 | 0.2202 |
| Mercury | 62949-05-11 23:17 G | 24712841.38 | 24712841.47 | 24712841.55 | 0.3683 | 0.2193 |
| Mercury | 62950-11-26 13:26 G | 24713404.92 | 24713405.06 | 24713405.21 | 0.3689 | 0.0162 |
| Mercury | 62954-11-25 15:22 G | 24714865.04 | 24714865.14 | 24714865.25 | 0.3682 | 0.0538 |
| Mercury | 62960-06-10 07:26 G | 24716888.76 | 24716888.81 | 24716888.86 | 0.3681 | 0.3201 |

64TH MILLENNIUM CE

This is a list of transits visible from Venus in the 64th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 63005-12-17 20:53 G | 24733514.27 | 24733514.37 | 24733514.47 | 0.3682 | 0.1161 | | |
| Mercury | 63007-07-04 14:24 G | 24734077.99 | 24734078.10 | 24734078.20 | 0.3689 | 0.2509 | | |
| Mercury | 63011-07-03 12:58 G | 24735537.95 | 24735538.04 | 24735538.14 | 0.3682 | 0.1546 | | |
| Mercury | 63057-01-08 02:10 G | 24752163.53 | 24752163.59 | 24752163.65 | 0.3683 | 0.2883 | | |
| Mercury | 63058-07-25 10:34 G | 24752726.82 | 24752726.94 | 24752727.06 | 0.3688 | 0.1945 | | |
| Mercury | 63062-07-24 18:29 G | 24754187.16 | 24754187.27 | 24754187.37 | 0.3682 | 0.0169 | | |
| Mercury | 63068-02-07 10:34 G | 24756210.86 | 24756210.94 | 24756211.01 | 0.3682 | 0.2550 | | |
| Mercury | 63113-08-15 23:46 G | 24772836.40 | 24772836.49 | 24772836.58 | 0.3683 | 0.1846 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 63115-03-02 11:17 G | 24773399.83 | 24773399.97 | 24773400.12 | 0.3689 | 0.0354 |
| Mercury | 63119-03-01 15:50 G | 24774860.06 | 24774860.16 | 24774860.27 | 0.3682 | 0.0884 |
| Mercury | 63124-09-14 07:55 G | 24776883.81 | 24776883.83 | 24776883.86 | 0.3681 | 0.3549 |
| Mercury | 63164-09-06 05:02 G | 24791485.69 | 24791485.71 | 24791485.73 | 0.3683 | 0.3593 |
| Mercury | 63170-03-22 21:22 G | 24793509.28 | 24793509.39 | 24793509.49 | 0.3682 | 0.0831 |
| Mercury | 63171-10-07 12:00 G | 24794072.90 | 24794073.00 | 24794073.10 | 0.3689 | 0.2641 |
| Mercury | 63175-10-06 13:26 G | 24795532.97 | 24795533.06 | 24795533.15 | 0.3682 | 0.1887 |
| Mercury | 63221-04-13 02:38 G | 24812158.53 | 24812158.61 | 24812158.68 | 0.3683 | 0.2552 |
| Mercury | 63222-10-28 08:24 G | 24812721.72 | 24812721.85 | 24812721.98 | 0.3688 | 0.1742 |
| Mercury | 63226-10-27 18:58 G | 24814182.18 | 24814182.29 | 24814182.39 | 0.3682 | 0.0215 |
| Mercury | 63232-05-12 11:02 G | 24816205.90 | 24816205.96 | 24816206.02 | 0.3681 | 0.2896 |
| Mercury | 63277-11-18 00:14 G | 24832831.41 | 24832831.51 | 24832831.61 | 0.3683 | 0.1511 |
| Mercury | 63279-06-04 09:07 G | 24833394.74 | 24833394.88 | 24833395.02 | 0.3688 | 0.0526 |
| Mercury | 63283-06-03 16:34 G | 24834855.09 | 24834855.19 | 24834855.29 | 0.3682 | 0.1230 |
| Mercury | 63328-12-10 05:31 G | 24851480.68 | 24851480.73 | 24851480.78 | 0.3683 | 0.3246 |
| Mercury | 63334-06-25 21:50 G | 24853504.31 | 24853504.41 | 24853504.52 | 0.3682 | 0.0471 |
| Mercury | 63336-01-10 09:50 G | 24854067.82 | 24854067.91 | 24854068.00 | 0.3689 | 0.2828 |
| Mercury | 63340-01-09 14:10 G | 24855528.00 | 24855528.09 | 24855528.17 | 0.3682 | 0.2248 |
| Mercury | 63385-07-17 03:07 G | 24872153.55 | 24872153.63 | 24872153.72 | 0.3683 | 0.2200 |
| Mercury | 63387-01-31 06:14 G | 24872716.63 | 24872716.76 | 24872716.89 | 0.3688 | 0.1531 |
| Mercury | 63391-01-30 19:26 G | 24874177.21 | 24874177.31 | 24874177.42 | 0.3682 | 0.0557 |
| Mercury | 63396-08-15 11:31 G | 24876200.94 | 24876200.98 | 24876201.03 | 0.3682 | 0.3255 |
| Mercury | 63442-02-22 00:43 G | 24892826.43 | 24892826.53 | 24892826.63 | 0.3683 | 0.1165 |
| Mercury | 63443-09-08 06:58 G | 24893389.65 | 24893389.79 | 24893389.93 | 0.3688 | 0.0683 |
| Mercury | 63447-09-07 17:03 G | 24894850.11 | 24894850.21 | 24894850.30 | 0.3682 | 0.1576 |
| Mercury | 63493-03-15 06:00 G | 24911475.69 | 24911475.75 | 24911475.81 | 0.3683 | 0.2914 |
| Mercury | 63494-09-29 03:36 G | 24912038.61 | 24912038.65 | 24912038.68 | 0.3688 | 0.3552 |
| Mercury | 63498-09-28 22:19 G | 24913499.33 | 24913499.43 | 24913499.54 | 0.3683 | 0.0143 |
| Mercury | 63500-04-15 07:41 G | 24914062.73 | 24914062.82 | 24914062.90 | 0.3689 | 0.2961 |
| Mercury | 63504-04-14 14:39 G | 24915523.03 | 24915523.11 | 24915523.18 | 0.3682 | 0.2583 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 63549-10-21 03:36 G | 24932148.56 | 24932148.65 | 24932148.74 | 0.3683 | 0.1862 |
| Mercury | 63551-05-07 04:05 G | 24932711.54 | 24932711.67 | 24932711.81 | 0.3688 | 0.1366 |
| Mercury | 63555-05-06 19:55 G | 24934172.23 | 24934172.33 | 24934172.43 | 0.3682 | 0.0904 |
| Mercury | 63560-11-19 12:15 G | 24936195.99 | 24936196.01 | 24936196.03 | 0.3681 | 0.3596 |
| Mercury | 63600-11-11 08:53 G | 24950797.85 | 24950797.87 | 24950797.88 | 0.3683 | 0.3622 |
| Mercury | 63606-05-28 01:12 G | 24952821.45 | 24952821.55 | 24952821.66 | 0.3683 | 0.0818 |
| Mercury | 63607-12-12 04:48 G | 24953384.56 | 24953384.70 | 24953384.84 | 0.3688 | 0.0881 |
| Mercury | 63611-12-11 17:31 G | 24954845.14 | 24954845.23 | 24954845.32 | 0.3682 | 0.1927 |
| Mercury | 63657-06-18 06:29 G | 24971470.70 | 24971470.77 | 24971470.85 | 0.3683 | 0.2559 |
| Mercury | 63659-01-02 01:41 G | 24972033.51 | 24972033.57 | 24972033.63 | 0.3687 | 0.3320 |
| Mercury | 63663-01-01 22:48 G | 24973494.35 | 24973494.45 | 24973494.56 | 0.3682 | 0.0268 |
| Mercury | 63664-07-18 05:31 G | 24974057.66 | 24974057.73 | 24974057.80 | 0.3689 | 0.3157 |
| Mercury | 63668-07-17 15:07 G | 24975518.07 | 24975518.13 | 24975518.19 | 0.3682 | 0.2944 |
| Mercury | 63714-01-24 04:05 G | 24992143.58 | 24992143.67 | 24992143.77 | 0.3683 | 0.1506 |
| Mercury | 63715-08-10 02:10 G | 24992706.45 | 24992706.59 | 24992706.72 | 0.3688 | 0.1144 |
| Mercury | 63719-08-09 20:24 G | 24994167.26 | 24994167.35 | 24994167.45 | 0.3682 | 0.1272 |
| Mercury | 63765-02-14 09:22 G | 25010792.84 | 25010792.89 | 25010792.93 | 0.3684 | 0.3275 |
| Mercury | 63770-08-31 01:41 G | 25012816.47 | 25012816.57 | 25012816.68 | 0.3683 | 0.0484 |
| Mercury | 63772-03-16 02:39 G | 25013379.48 | 25013379.61 | 25013379.75 | 0.3688 | 0.1079 |
| Mercury | 63776-03-15 18:00 G | 25014840.17 | 25014840.25 | 25014840.33 | 0.3682 | 0.2270 |
| Mercury | 63821-09-22 06:58 G | 25031465.71 | 25031465.79 | 25031465.88 | 0.3683 | 0.2212 |
| Mercury | 63823-04-07 23:31 G | 25032028.41 | 25032028.48 | 25032028.56 | 0.3688 | 0.3112 |
| Mercury | 63827-04-07 23:17 G | 25033489.37 | 25033489.47 | 25033489.58 | 0.3682 | 0.0581 |
| Mercury | 63828-10-22 03:22 G | 25034052.58 | 25034052.64 | 25034052.70 | 0.3688 | 0.3328 |
| Mercury | 63832-10-21 15:36 G | 25035513.11 | 25035513.15 | 25035513.20 | 0.3682 | 0.3292 |
| Mercury | 63878-04-29 04:34 G | 25052138.59 | 25052138.69 | 25052138.79 | 0.3683 | 0.1163 |
| Mercury | 63879-11-13 00:15 G | 25052701.37 | 25052701.51 | 25052701.64 | 0.3688 | 0.0941 |
| Mercury | 63883-11-12 20:53 G | 25054162.28 | 25054162.37 | 25054162.47 | 0.3682 | 0.1608 |
| Mercury | 63929-05-21 09:51 G | 25070787.84 | 25070787.91 | 25070787.97 | 0.3684 | 0.2924 |
| Mercury | 63934-12-05 02:10 G | 25072811.49 | 25072811.59 | 25072811.70 | 0.3683 | 0.0169 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 63936-06-20 00:43 G | 25073374.40 | 25073374.53 | 25073374.66 | 0.3688 | 0.1282 |
| Mercury | 63940-06-19 18:29 G | 25074835.20 | 25074835.27 | 25074835.35 | 0.3682 | 0.2638 |
| Mercury | 63985-12-26 07:27 G | 25091460.72 | 25091460.81 | 25091460.90 | 0.3683 | 0.1855 |
| Mercury | 63987-07-11 21:36 G | 25092023.32 | 25092023.40 | 25092023.49 | 0.3687 | 0.2860 |
| Mercury | 63991-07-12 00:00 G | 25093484.39 | 25093484.50 | 25093484.60 | 0.3682 | 0.0939 |
| Mercury | 63993-01-25 01:27 G | 25094047.52 | 25094047.56 | 25094047.59 | 0.3688 | 0.3535 |
| Mercury | 63997-01-24 16:19 G | 25095508.17 | 25095508.18 | 25095508.18 | 0.3682 | 0.3658 |

65TH MILLENNIUM CE

This is a list of transits visible from Venus in the 65th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 64037-01-16 12:29 G | 25110110.01 | 25110110.02 | 25110110.04 | 0.3684 | 0.3643 | | |
| Mercury | 64042-08-02 05:03 G | 25112133.61 | 25112133.71 | 25112133.82 | 0.3683 | 0.0809 | | |
| Mercury | 64044-02-15 22:05 G | 25112696.29 | 25112696.42 | 25112696.56 | 0.3688 | 0.0712 | | |
| Mercury | 64048-02-15 21:36 G | 25114157.31 | 25114157.40 | 25114157.49 | 0.3682 | 0.1967 | | |
| Mercury | 64093-08-23 10:19 G | 25130782.85 | 25130782.93 | 25130783.00 | 0.3684 | 0.2565 | | |
| Mercury | 64099-03-09 02:39 G | 25132806.51 | 25132806.61 | 25132806.72 | 0.3683 | 0.0272 | | |
| Mercury | 64100-09-22 22:34 G | 25133369.31 | 25133369.44 | 25133369.57 | 0.3688 | 0.1464 | | |
| Mercury | 64104-09-22 19:12 G | 25134830.24 | 25134830.30 | 25134830.36 | 0.3682 | 0.2991 | | |
| Mercury | 64150-03-31 07:55 G | 25151455.73 | 25151455.83 | 25151455.93 | 0.3683 | 0.1517 | | |
| Mercury | 64151-10-14 19:41 G | 25152018.22 | 25152018.32 | 25152018.42 | 0.3687 | 0.2655 | | |
| Mercury | 64155-10-15 00:29 G | 25153479.42 | 25153479.52 | 25153479.61 | 0.3683 | 0.1288 | | |
| Mercury | 64157-04-29 23:03 G | 25154042.46 | 25154042.46 | 25154042.47 | 0.3688 | 0.3681 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 64201-04-22 12:58 G | 25170105.00 | 25170105.04 | 25170105.09 | 0.3684 | 0.3300 |
| Mercury | 64206-11-06 05:31 G | 25172128.63 | 25172128.73 | 25172128.84 | 0.3683 | 0.0462 |
| Mercury | 64208-05-21 20:10 G | 25172691.20 | 25172691.34 | 25172691.48 | 0.3688 | 0.0509 |
| Mercury | 64212-05-21 22:05 G | 25174152.34 | 25174152.42 | 25174152.50 | 0.3682 | 0.2322 |
| Mercury | 64257-11-27 10:48 G | 25190777.86 | 25190777.95 | 25190778.03 | 0.3684 | 0.2225 |
| Mercury | 64263-06-13 03:22 G | 25192801.53 | 25192801.64 | 25192801.74 | 0.3683 | 0.0620 |
| Mercury | 64264-12-26 20:39 G | 25193364.24 | 25193364.36 | 25193364.49 | 0.3688 | 0.1679 |
| Mercury | 64268-12-26 19:41 G | 25194825.28 | 25194825.32 | 25194825.36 | 0.3682 | 0.3348 |
| Mercury | 64314-07-05 08:24 G | 25211450.75 | 25211450.85 | 25211450.95 | 0.3683 | 0.1152 |
| Mercury | 64316-01-18 17:46 G | 25212013.14 | 25212013.24 | 25212013.35 | 0.3687 | 0.2402 |
| Mercury | 64320-01-19 00:58 G | 25213474.44 | 25213474.54 | 25213474.63 | 0.3683 | 0.1652 |
| Mercury | 64365-07-26 13:27 G | 25230100.00 | 25230100.06 | 25230100.13 | 0.3684 | 0.2936 |
| Mercury | 64371-02-09 06:00 G | 25232123.65 | 25232123.75 | 25232123.86 | 0.3683 | 0.0142 |
| Mercury | 64372-08-24 18:15 G | 25232686.12 | 25232686.26 | 25232686.40 | 0.3688 | 0.0278 |
| Mercury | 64376-08-24 22:34 G | 25234147.37 | 25234147.44 | 25234147.51 | 0.3682 | 0.2685 |
| Mercury | 64422-03-02 11:03 G | 25250772.87 | 25250772.96 | 25250773.06 | 0.3684 | 0.1877 |
| Mercury | 64427-09-16 03:36 G | 25252796.55 | 25252796.65 | 25252796.76 | 0.3683 | 0.0970 |
| Mercury | 64429-03-31 18:43 G | 25253359.16 | 25253359.28 | 25253359.40 | 0.3688 | 0.1883 |
| Mercury | 64473-03-23 16:05 G | 25269422.17 | 25269422.17 | 25269422.18 | 0.3684 | 0.3680 |
| Mercury | 64478-10-07 08:53 G | 25271445.76 | 25271445.87 | 25271445.97 | 0.3684 | 0.0804 |
| Mercury | 64480-04-21 15:51 G | 25272008.05 | 25272008.16 | 25272008.28 | 0.3687 | 0.2178 |
| Mercury | 64484-04-22 01:27 G | 25273469.47 | 25273469.56 | 25273469.65 | 0.3683 | 0.1999 |
| Mercury | 64529-10-29 13:55 G | 25290095.00 | 25290095.08 | 25290095.15 | 0.3684 | 0.2594 |
| Mercury | 64535-05-15 06:29 G | 25292118.66 | 25292118.77 | 25292118.88 | 0.3683 | 0.0263 |
| Mercury | 64536-11-27 16:19 G | 25292681.04 | 25292681.18 | 25292681.32 | 0.3687 | 0.0052 |
| Mercury | 64540-11-27 23:03 G | 25294142.40 | 25294142.46 | 25294142.52 | 0.3682 | 0.3033 |
| Mercury | 64586-06-05 11:31 G | 25310767.89 | 25310767.98 | 25310768.08 | 0.3684 | 0.1513 |
| Mercury | 64591-12-20 04:05 G | 25312791.58 | 25312791.67 | 25312791.77 | 0.3683 | 0.1326 |
| Mercury | 64593-07-04 16:48 G | 25313354.09 | 25313354.20 | 25313354.31 | 0.3688 | 0.2117 |
| Mercury | 64637-06-27 16:34 G | 25329417.15 | 25329417.19 | 25329417.24 | 0.3684 | 0.3317 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 64643-01-11 09:22 G | 25331440.78 | 25331440.89 | 25331441.00 | 0.3683 | 0.0438 |
| Mercury | 64644-07-26 14:10 G | 25332002.97 | 25332003.09 | 25332003.21 | 0.3687 | 0.1908 |
| Mercury | 64648-07-27 01:55 G | 25333464.50 | 25333464.58 | 25333464.66 | 0.3683 | 0.2365 |
| Mercury | 64694-02-01 14:24 G | 25350090.01 | 25350090.10 | 25350090.18 | 0.3684 | 0.2229 |
| Mercury | 64699-08-18 06:58 G | 25352113.69 | 25352113.79 | 25352113.90 | 0.3683 | 0.0632 |
| Mercury | 64701-03-03 14:39 G | 25352675.96 | 25352676.11 | 25352676.24 | 0.3687 | 0.0233 |
| Mercury | 64705-03-03 23:31 G | 25354137.44 | 25354137.48 | 25354137.52 | 0.3683 | 0.3398 |
| Mercury | 64750-09-09 12:00 G | 25370762.90 | 25370763.00 | 25370763.11 | 0.3684 | 0.1152 |
| Mercury | 64756-03-25 04:34 G | 25372786.60 | 25372786.69 | 25372786.79 | 0.3683 | 0.1673 |
| Mercury | 64757-10-08 14:53 G | 25373349.01 | 25373349.12 | 25373349.22 | 0.3688 | 0.2298 |
| Mercury | 64801-09-30 17:03 G | 25389412.15 | 25389412.21 | 25389412.27 | 0.3685 | 0.2964 |
| Mercury | 64807-04-16 09:36 G | 25391435.80 | 25391435.90 | 25391436.01 | 0.3684 | 0.0178 |
| Mercury | 64808-10-29 12:15 G | 25391997.89 | 25391998.01 | 25391998.14 | 0.3687 | 0.1681 |
| Mercury | 64812-10-30 02:24 G | 25393459.52 | 25393459.60 | 25393459.67 | 0.3683 | 0.2722 |
| Mercury | 64858-05-07 14:39 G | 25410085.02 | 25410085.11 | 25410085.21 | 0.3684 | 0.1883 |
| Mercury | 64863-11-21 07:27 G | 25412108.71 | 25412108.81 | 25412108.91 | 0.3683 | 0.0979 |
| Mercury | 64865-06-05 12:43 G | 25412670.89 | 25412671.03 | 25412671.16 | 0.3687 | 0.0426 |
| Mercury | 64914-12-13 12:29 G | 25430757.91 | 25430758.02 | 25430758.12 | 0.3684 | 0.0796 |
| Mercury | 64916-06-27 10:19 G | 25431319.89 | 25431319.93 | 25431319.98 | 0.3686 | 0.3456 |
| Mercury | 64920-06-28 05:03 G | 25432781.62 | 25432781.71 | 25432781.80 | 0.3683 | 0.2041 |
| Mercury | 64922-01-11 12:58 G | 25433343.94 | 25433344.04 | 25433344.14 | 0.3687 | 0.2525 |
| Mercury | 64966-01-03 17:31 G | 25449407.15 | 25449407.23 | 25449407.30 | 0.3684 | 0.2600 |
| Mercury | 64971-07-20 10:05 G | 25451430.82 | 25451430.92 | 25451431.03 | 0.3684 | 0.0327 |
| Mercury | 64973-02-01 10:34 G | 25451992.81 | 25451992.94 | 25451993.07 | 0.3687 | 0.1412 |
| Mercury | 64977-02-02 02:53 G | 25453454.56 | 25453454.62 | 25453454.67 | 0.3683 | 0.3095 |

66TH MILLENNIUM CE

This is a list of transits visible from Venus in the 66th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 65022-08-11 15:07 | G | 25470080.04 | 25470080.13 | 25470080.23 | 0.3684 | 0.1513 | |
| Mercury | 65028-02-25 07:55 | G | 25472103.73 | 25472103.83 | 25472103.93 | 0.3683 | 0.1348 | |
| Mercury | 65029-09-09 10:48 | G | 25472665.81 | 25472665.95 | 25472666.08 | 0.3687 | 0.0637 | |
| Mercury | 65073-09-01 20:10 | G | 25488729.29 | 25488729.34 | 25488729.38 | 0.3685 | 0.3338 | |
| Mercury | 65079-03-18 12:58 | G | 25490752.93 | 25490753.04 | 25490753.14 | 0.3684 | 0.0449 | |
| Mercury | 65080-09-30 08:39 | G | 25491314.79 | 25491314.86 | 25491314.92 | 0.3686 | 0.3223 | |
| Mercury | 65084-10-01 05:31 | G | 25492776.65 | 25492776.73 | 25492776.81 | 0.3683 | 0.2404 | |
| Mercury | 65086-04-16 11:03 | G | 25493338.87 | 25493338.96 | 25493339.05 | 0.3687 | 0.2749 | |
| Mercury | 65130-04-09 17:46 | G | 25509402.16 | 25509402.24 | 25509402.33 | 0.3685 | 0.2255 | |
| Mercury | 65135-10-24 10:34 | G | 25511425.84 | 25511425.94 | 25511426.05 | 0.3684 | 0.0643 | |
| Mercury | 65137-05-08 08:39 | G | 25511987.73 | 25511987.86 | 25511987.99 | 0.3687 | 0.1196 | |
| Mercury | 65141-05-09 03:07 | G | 25513449.60 | 25513449.63 | 25513449.67 | 0.3683 | 0.3449 | |
| Mercury | 65186-11-14 15:36 | G | 25530075.05 | 25530075.15 | 25530075.25 | 0.3684 | 0.1160 | |
| Mercury | 65192-05-30 08:24 | G | 25532098.75 | 25532098.85 | 25532098.94 | 0.3683 | 0.1714 | |
| Mercury | 65193-12-13 08:53 | G | 25532660.74 | 25532660.87 | 25532661.01 | 0.3687 | 0.0885 | |
| Mercury | 65237-12-05 20:24 | G | 25548724.29 | 25548724.35 | 25548724.41 | 0.3685 | 0.2989 | |
| Mercury | 65243-06-21 13:27 | G | 25550747.95 | 25550748.06 | 25550748.16 | 0.3684 | 0.0152 | |
| Mercury | 65245-01-03 06:58 | G | 25551309.71 | 25551309.79 | 25551309.87 | 0.3686 | 0.2938 | |
| Mercury | 65249-01-04 06:00 | G | 25552771.68 | 25552771.75 | 25552771.82 | 0.3683 | 0.2772 | |
| Mercury | 65250-07-20 09:22 | G | 25553333.81 | 25553333.89 | 25553333.97 | 0.3687 | 0.3007 | |
| Mercury | 65294-07-12 18:15 | G | 25569397.17 | 25569397.26 | 25569397.35 | 0.3685 | 0.1882 | |
| Mercury | 65300-01-26 11:03 | G | 25571420.86 | 25571420.96 | 25571421.06 | 0.3684 | 0.1016 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 65301-08-11 06:58 G | 25571982.66 | 25571982.79 | 25571982.93 | 0.3687 | 0.0922 |
| Mercury | 65351-02-17 16:05 G | 25590070.06 | 25590070.17 | 25590070.27 | 0.3685 | 0.0790 |
| Mercury | 65356-09-02 08:53 G | 25592093.78 | 25592093.87 | 25592093.95 | 0.3684 | 0.2088 |
| Mercury | 65358-03-18 07:12 G | 25592655.67 | 25592655.80 | 25592655.94 | 0.3687 | 0.1151 |
| Mercury | 65402-03-11 20:53 G | 25608719.29 | 25608719.37 | 25608719.44 | 0.3685 | 0.2629 |
| Mercury | 65407-09-25 13:41 G | 25610742.97 | 25610743.07 | 25610743.18 | 0.3684 | 0.0314 |
| Mercury | 65409-04-09 05:17 G | 25611304.62 | 25611304.72 | 25611304.81 | 0.3686 | 0.2674 |
| Mercury | 65413-04-10 06:29 G | 25612766.71 | 25612766.77 | 25612766.82 | 0.3683 | 0.3128 |
| Mercury | 65414-10-24 07:27 G | 25613328.74 | 25613328.81 | 25613328.88 | 0.3687 | 0.3198 |
| Mercury | 65458-10-16 18:43 G | 25629392.18 | 25629392.28 | 25629392.37 | 0.3685 | 0.1530 |
| Mercury | 65464-05-01 11:31 G | 25631415.88 | 25631415.98 | 25631416.08 | 0.3684 | 0.1375 |
| Mercury | 65465-11-14 05:17 G | 25631977.59 | 25631977.72 | 25631977.86 | 0.3686 | 0.0664 |
| Mercury | 65509-11-07 23:31 G | 25648041.44 | 25648041.48 | 25648041.52 | 0.3685 | 0.3385 |
| Mercury | 65515-05-24 16:19 G | 25650065.08 | 25650065.18 | 25650065.29 | 0.3684 | 0.0434 |
| Mercury | 65520-12-07 09:07 G | 25652088.80 | 25652088.88 | 25652088.96 | 0.3684 | 0.2442 |
| Mercury | 65522-06-22 05:31 G | 25652650.60 | 25652650.73 | 25652650.86 | 0.3686 | 0.1383 |
| Mercury | 65566-06-14 21:07 G | 25668714.30 | 25668714.38 | 25668714.47 | 0.3685 | 0.2264 |
| Mercury | 65571-12-29 14:10 G | 25670737.98 | 25670738.09 | 25670738.20 | 0.3684 | 0.0667 |
| Mercury | 65573-07-13 03:36 G | 25671299.55 | 25671299.65 | 25671299.75 | 0.3686 | 0.2380 |
| Mercury | 65577-07-14 06:58 G | 25672761.76 | 25672761.79 | 25672761.82 | 0.3683 | 0.3509 |
| Mercury | 65579-01-27 05:46 G | 25673323.69 | 25673323.74 | 25673323.78 | 0.3687 | 0.3448 |
| Mercury | 65623-01-19 18:58 G | 25689387.19 | 25689387.29 | 25689387.40 | 0.3685 | 0.1151 |
| Mercury | 65628-08-04 12:00 G | 25691410.90 | 25691411.00 | 25691411.09 | 0.3684 | 0.1753 |
| Mercury | 65630-02-17 03:51 G | 25691972.52 | 25691972.66 | 25691972.79 | 0.3686 | 0.0395 |
| Mercury | 65674-02-09 23:46 G | 25708036.43 | 25708036.49 | 25708036.55 | 0.3686 | 0.3010 |
| Mercury | 65679-08-26 16:48 G | 25710060.09 | 25710060.20 | 25710060.31 | 0.3685 | 0.0051 |
| Mercury | 65685-03-11 09:36 G | 25712083.83 | 25712083.90 | 25712083.97 | 0.3684 | 0.2814 |
| Mercury | 65686-09-24 03:51 G | 25712645.53 | 25712645.66 | 25712645.78 | 0.3687 | 0.1614 |
| Mercury | 65730-09-17 21:36 G | 25728709.31 | 25728709.40 | 25728709.49 | 0.3685 | 0.1888 |
| Mercury | 65736-04-02 14:24 G | 25730733.00 | 25730733.10 | 25730733.21 | 0.3684 | 0.1040 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 65737-10-16 01:55 G | 25731294.47 | 25731294.58 | 25731294.69 | 0.3686 | 0.2125 |
| Mercury | 65743-05-02 03:51 G | 25733318.65 | 25733318.66 | 25733318.67 | 0.3687 | 0.3670 |
| Mercury | 65787-04-24 19:27 G | 25749382.20 | 25749382.31 | 25749382.41 | 0.3685 | 0.0801 |
| Mercury | 65792-11-07 12:15 G | 25751405.92 | 25751406.01 | 25751406.10 | 0.3684 | 0.2109 |
| Mercury | 65794-05-23 01:55 G | 25751967.44 | 25751967.58 | 25751967.72 | 0.3686 | 0.0155 |
| Mercury | 65838-05-17 00:00 G | 25768031.43 | 25768031.50 | 25768031.58 | 0.3686 | 0.2657 |
| Mercury | 65843-11-30 17:03 G | 25770055.11 | 25770055.21 | 25770055.32 | 0.3685 | 0.0339 |
| Mercury | 65849-06-15 10:05 G | 25772078.87 | 25772078.92 | 25772078.97 | 0.3684 | 0.3191 |
| Mercury | 65850-12-29 02:10 G | 25772640.47 | 25772640.59 | 25772640.71 | 0.3686 | 0.1874 |
| Mercury | 65894-12-21 21:51 G | 25788704.32 | 25788704.41 | 25788704.51 | 0.3685 | 0.1537 |
| Mercury | 65900-07-07 14:53 G | 25790728.02 | 25790728.12 | 25790728.22 | 0.3684 | 0.1406 |
| Mercury | 65902-01-20 00:29 G | 25791289.40 | 25791289.52 | 25791289.63 | 0.3685 | 0.1837 |
| Mercury | 65946-01-13 02:39 G | 25807353.57 | 25807353.61 | 25807353.65 | 0.3686 | 0.3408 |
| Mercury | 65951-07-29 19:41 G | 25809377.22 | 25809377.32 | 25809377.43 | 0.3685 | 0.0428 |
| Mercury | 65957-02-11 12:43 G | 25811400.95 | 25811401.03 | 25811401.11 | 0.3684 | 0.2495 |
| Mercury | 65958-08-27 00:29 G | 25811962.38 | 25811962.52 | 25811962.65 | 0.3686 | 0.0159 |

67TH MILLENNIUM CE

This is a list of transits visible from Venus in the 67th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 66002-08-20 00:29 G | 25828026.44 | 25828026.52 | 25828026.61 | 0.3686 | 0.2274 | | |
| Mercury | 66008-03-04 17:31 G | 25830050.12 | 25830050.23 | 25830050.34 | 0.3685 | 0.0686 | | |
| Mercury | 66009-09-16 22:48 G | 25830611.41 | 25830611.45 | 25830611.49 | 0.3685 | 0.3485 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 66013-09-18 10:34 G | 25832073.91 | 25832073.94 | 25832073.96 | 0.3684 | 0.3571 |
| Mercury | 66015-04-03 00:29 G | 25832635.41 | 25832635.52 | 25832635.63 | 0.3686 | 0.2137 |
| Mercury | 66059-03-26 22:19 G | 25848699.33 | 25848699.43 | 25848699.53 | 0.3685 | 0.1167 |
| Mercury | 66064-10-09 15:22 G | 25850723.04 | 25850723.14 | 25850723.23 | 0.3685 | 0.1777 |
| Mercury | 66066-04-23 22:48 G | 25851284.33 | 25851284.45 | 25851284.57 | 0.3685 | 0.1562 |
| Mercury | 66110-04-18 02:53 G | 25867348.56 | 25867348.62 | 25867348.68 | 0.3686 | 0.3054 |
| Mercury | 66115-11-01 20:10 G | 25869372.23 | 25869372.34 | 25869372.45 | 0.3685 | 0.0098 |
| Mercury | 66121-05-17 12:58 G | 25871395.98 | 25871396.04 | 25871396.11 | 0.3684 | 0.2860 |
| Mercury | 66122-11-29 22:48 G | 25871957.31 | 25871957.45 | 25871957.59 | 0.3686 | 0.0402 |
| Mercury | 66166-11-23 00:43 G | 25888021.44 | 25888021.53 | 25888021.63 | 0.3686 | 0.1923 |
| Mercury | 66172-06-07 18:00 G | 25890045.14 | 25890045.25 | 25890045.35 | 0.3685 | 0.1062 |
| Mercury | 66173-12-20 21:22 G | 25890606.32 | 25890606.39 | 25890606.45 | 0.3685 | 0.3187 |
| Mercury | 66179-07-06 22:48 G | 25892630.35 | 25892630.45 | 25892630.55 | 0.3686 | 0.2389 |
| Mercury | 66223-06-30 22:34 G | 25908694.34 | 25908694.44 | 25908694.55 | 0.3686 | 0.0797 |
| Mercury | 66229-01-13 15:36 G | 25910718.07 | 25910718.15 | 25910718.24 | 0.3685 | 0.2160 |
| Mercury | 66230-07-28 21:22 G | 25911279.26 | 25911279.39 | 25911279.52 | 0.3685 | 0.1254 |
| Mercury | 66274-07-22 03:22 G | 25927343.56 | 25927343.64 | 25927343.71 | 0.3686 | 0.2674 |
| Mercury | 66280-02-04 20:24 G | 25929367.25 | 25929367.35 | 25929367.46 | 0.3685 | 0.0353 |
| Mercury | 66285-08-20 13:27 G | 25931391.01 | 25931391.06 | 25931391.11 | 0.3684 | 0.3242 |
| Mercury | 66287-03-04 21:22 G | 25931952.25 | 25931952.39 | 25931952.52 | 0.3685 | 0.0695 |
| Mercury | 66331-02-27 01:12 G | 25948016.45 | 25948016.55 | 25948016.65 | 0.3686 | 0.1542 |
| Mercury | 66336-09-11 18:15 G | 25950040.16 | 25950040.26 | 25950040.36 | 0.3685 | 0.1439 |
| Mercury | 66338-03-26 19:55 G | 25950601.25 | 25950601.33 | 25950601.41 | 0.3685 | 0.2879 |
| Mercury | 66343-10-10 21:07 G | 25952625.29 | 25952625.38 | 25952625.48 | 0.3686 | 0.2627 |
| Mercury | 66382-03-20 05:46 G | 25966665.70 | 25966665.74 | 25966665.77 | 0.3687 | 0.3454 |
| Mercury | 66387-10-03 23:03 G | 25968689.35 | 25968689.46 | 25968689.57 | 0.3686 | 0.0417 |
| Mercury | 66393-04-18 16:05 G | 25970713.09 | 25970713.17 | 25970713.25 | 0.3685 | 0.2520 |
| Mercury | 66394-10-31 19:41 G | 25971274.19 | 25971274.32 | 25971274.45 | 0.3685 | 0.1001 |
| Mercury | 66438-10-25 03:36 G | 25987338.57 | 25987338.65 | 25987338.73 | 0.3686 | 0.2312 |
| Mercury | 66444-05-09 20:53 G | 25989362.26 | 25989362.37 | 25989362.47 | 0.3685 | 0.0704 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 66449-11-23 13:55 G | 25991386.06 | 25991386.08 | 25991386.09 | 0.3684 | 0.3610 |
| Mercury | 66451-06-07 19:41 G | 25991947.19 | 25991947.32 | 25991947.45 | 0.3685 | 0.0930 |
| Mercury | 66495-06-01 01:27 G | 26008011.46 | 26008011.56 | 26008011.66 | 0.3686 | 0.1173 |
| Mercury | 66500-12-15 18:43 G | 26010035.18 | 26010035.28 | 26010035.37 | 0.3685 | 0.1808 |
| Mercury | 66502-06-29 18:29 G | 26010596.17 | 26010596.27 | 26010596.36 | 0.3684 | 0.2588 |
| Mercury | 66508-01-13 19:41 G | 26012620.24 | 26012620.32 | 26012620.40 | 0.3686 | 0.2911 |
| Mercury | 66546-06-23 06:00 G | 26026660.69 | 26026660.75 | 26026660.81 | 0.3687 | 0.3083 |
| Mercury | 66552-01-06 23:17 G | 26028684.36 | 26028684.47 | 26028684.58 | 0.3686 | 0.0063 |
| Mercury | 66557-07-22 16:19 G | 26030708.12 | 26030708.18 | 26030708.25 | 0.3685 | 0.2907 |
| Mercury | 66559-02-03 18:15 G | 26031269.13 | 26031269.26 | 26031269.39 | 0.3685 | 0.0703 |
| Mercury | 66603-01-29 03:51 G | 26047333.57 | 26047333.66 | 26047333.76 | 0.3686 | 0.1933 |
| Mercury | 66608-08-13 21:07 G | 26049357.28 | 26049357.38 | 26049357.49 | 0.3686 | 0.1081 |
| Mercury | 66615-09-11 18:15 G | 26051942.13 | 26051942.26 | 26051942.38 | 0.3685 | 0.1227 |
| Mercury | 66659-09-05 01:55 G | 26068006.47 | 26068006.58 | 26068006.68 | 0.3686 | 0.0806 |
| Mercury | 66665-03-20 18:58 G | 26070030.20 | 26070030.29 | 26070030.38 | 0.3685 | 0.2182 |
| Mercury | 66666-10-02 16:48 G | 26070591.10 | 26070591.20 | 26070591.31 | 0.3684 | 0.2311 |
| Mercury | 66672-04-17 18:00 G | 26072615.19 | 26072615.25 | 26072615.32 | 0.3686 | 0.3177 |
| Mercury | 66710-09-27 06:15 G | 26086655.69 | 26086655.76 | 26086655.84 | 0.3687 | 0.2710 |
| Mercury | 66716-04-11 23:31 G | 26088679.37 | 26088679.48 | 26088679.59 | 0.3686 | 0.0351 |
| Mercury | 66721-10-26 16:48 G | 26090703.15 | 26090703.20 | 26090703.25 | 0.3685 | 0.3282 |
| Mercury | 66723-05-10 16:48 G | 26091264.07 | 26091264.20 | 26091264.33 | 0.3685 | 0.0419 |
| Mercury | 66767-05-04 04:05 G | 26107328.58 | 26107328.67 | 26107328.77 | 0.3687 | 0.1577 |
| Mercury | 66772-11-16 21:22 G | 26109352.29 | 26109352.39 | 26109352.50 | 0.3686 | 0.1457 |
| Mercury | 66779-12-15 16:34 G | 26111937.07 | 26111937.19 | 26111937.32 | 0.3685 | 0.1512 |
| Mercury | 66818-05-25 08:39 G | 26125977.83 | 26125977.86 | 26125977.89 | 0.3687 | 0.3510 |
| Mercury | 66823-12-09 02:10 G | 26128001.48 | 26128001.59 | 26128001.70 | 0.3686 | 0.0449 |
| Mercury | 66829-06-23 19:12 G | 26130025.23 | 26130025.30 | 26130025.38 | 0.3685 | 0.2565 |
| Mercury | 66831-01-05 15:36 G | 26130586.04 | 26130586.15 | 26130586.26 | 0.3684 | 0.1997 |
| Mercury | 66836-07-21 16:34 G | 26132610.15 | 26132610.19 | 26132610.24 | 0.3685 | 0.3450 |
| Mercury | 66874-12-30 06:29 G | 26146650.69 | 26146650.77 | 26146650.86 | 0.3687 | 0.2346 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 66880-07-15 00:00 G | 26148674.39 | 26148674.50 | 26148674.61 | 0.3686 | 0.0714 |
| Mercury | 66886-01-28 17:03 G | 26150698.21 | 26150698.21 | 26150698.22 | 0.3685 | 0.3669 |
| Mercury | 66887-08-12 15:22 G | 26151259.01 | 26151259.14 | 26151259.28 | 0.3684 | 0.0131 |
| Mercury | 66931-08-07 04:34 G | 26167323.58 | 26167323.69 | 26167323.79 | 0.3687 | 0.1189 |
| Mercury | 66937-02-19 21:51 G | 26169347.32 | 26169347.41 | 26169347.50 | 0.3686 | 0.1838 |
| Mercury | 66938-09-03 14:24 G | 26169908.07 | 26169908.10 | 26169908.14 | 0.3684 | 0.3516 |
| Mercury | 66944-03-19 15:22 G | 26171932.02 | 26171932.14 | 26171932.25 | 0.3685 | 0.1802 |
| Mercury | 66982-08-28 08:53 G | 26185972.82 | 26185972.87 | 26185972.93 | 0.3687 | 0.3126 |
| Mercury | 66988-03-13 02:24 G | 26187996.49 | 26187996.60 | 26187996.71 | 0.3687 | 0.0043 |
| Mercury | 66993-09-26 19:41 G | 26190020.26 | 26190020.32 | 26190020.38 | 0.3686 | 0.2951 |
| Mercury | 66995-04-10 14:10 G | 26190580.97 | 26190581.09 | 26190581.21 | 0.3684 | 0.1675 |

68TH MILLENNIUM CE

This is a list of transits visible from Venus in the 68th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 67039-04-05 06:58 G | 26206645.69 | 26206645.79 | 26206645.88 | 0.3687 | 0.1978 | | |
| Mercury | 67044-10-19 00:15 G | 26208669.41 | 26208669.51 | 26208669.62 | 0.3686 | 0.1090 | | |
| Mercury | 67051-11-16 13:55 G | 26211253.95 | 26211254.08 | 26211254.21 | 0.3684 | 0.0168 | | |
| Mercury | 67095-11-10 04:48 G | 26227318.59 | 26227318.70 | 26227318.81 | 0.3687 | 0.0820 | | |
| Mercury | 67101-05-26 22:05 G | 26229342.33 | 26229342.42 | 26229342.51 | 0.3686 | 0.2207 | | |
| Mercury | 67102-12-08 13:12 G | 26229902.98 | 26229903.05 | 26229903.11 | 0.3683 | 0.3197 | | |
| Mercury | 67108-06-23 13:41 G | 26231926.96 | 26231927.07 | 26231927.18 | 0.3684 | 0.2053 | | |
| Mercury | 67146-12-02 09:07 G | 26245967.81 | 26245967.88 | 26245967.95 | 0.3688 | 0.2765 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 67152-06-17 02:39 G | 26247991.50 | 26247991.61 | 26247991.72 | 0.3687 | 0.0336 |
| Mercury | 67157-12-31 19:55 G | 26250015.29 | 26250015.33 | 26250015.38 | 0.3686 | 0.3322 |
| Mercury | 67159-07-15 12:58 G | 26250575.91 | 26250576.04 | 26250576.16 | 0.3684 | 0.1368 |
| Mercury | 67203-07-09 07:12 G | 26266640.70 | 26266640.80 | 26266640.90 | 0.3687 | 0.1592 |
| Mercury | 67209-01-22 00:29 G | 26268664.42 | 26268664.52 | 26268664.62 | 0.3686 | 0.1475 |
| Mercury | 67216-02-19 12:43 G | 26271248.89 | 26271249.03 | 26271249.16 | 0.3684 | 0.0494 |
| Mercury | 67254-07-30 11:31 G | 26285289.95 | 26285289.98 | 26285290.00 | 0.3688 | 0.3560 |
| Mercury | 67260-02-13 05:03 G | 26287313.60 | 26287313.71 | 26287313.82 | 0.3687 | 0.0427 |
| Mercury | 67265-08-28 22:34 G | 26289337.36 | 26289337.44 | 26289337.51 | 0.3686 | 0.2602 |
| Mercury | 67267-03-12 12:00 G | 26289897.92 | 26289898.00 | 26289898.08 | 0.3683 | 0.2859 |
| Mercury | 67272-09-25 12:15 G | 26291921.91 | 26291922.01 | 26291922.12 | 0.3684 | 0.2340 |
| Mercury | 67311-03-07 09:22 G | 26305962.81 | 26305962.89 | 26305962.98 | 0.3688 | 0.2383 |
| Mercury | 67316-09-20 02:53 G | 26307986.52 | 26307986.62 | 26307986.73 | 0.3687 | 0.0731 |
| Mercury | 67323-10-18 11:31 G | 26310570.85 | 26310570.98 | 26310571.10 | 0.3683 | 0.1088 |
| Mercury | 67367-10-12 07:27 G | 26326635.70 | 26326635.81 | 26326635.91 | 0.3688 | 0.1208 |
| Mercury | 67373-04-27 00:43 G | 26328659.44 | 26328659.53 | 26328659.63 | 0.3687 | 0.1850 |
| Mercury | 67380-05-24 11:17 G | 26331243.83 | 26331243.97 | 26331244.10 | 0.3684 | 0.0764 |
| Mercury | 67418-11-03 11:46 G | 26345284.93 | 26345284.99 | 26345285.04 | 0.3688 | 0.3194 |
| Mercury | 67424-05-19 05:17 G | 26347308.61 | 26347308.72 | 26347308.83 | 0.3687 | 0.0062 |
| Mercury | 67429-12-02 22:48 G | 26349332.38 | 26349332.45 | 26349332.51 | 0.3686 | 0.2974 |
| Mercury | 67431-06-16 10:34 G | 26349892.85 | 26349892.94 | 26349893.03 | 0.3683 | 0.2571 |
| Mercury | 67436-12-30 10:48 G | 26351916.86 | 26351916.95 | 26351917.05 | 0.3684 | 0.2631 |
| Mercury | 67475-06-10 09:36 G | 26365957.81 | 26365957.90 | 26365957.99 | 0.3688 | 0.2010 |
| Mercury | 67480-12-24 03:07 G | 26367981.53 | 26367981.63 | 26367981.74 | 0.3687 | 0.1099 |
| Mercury | 67488-01-21 10:19 G | 26370565.80 | 26370565.93 | 26370566.06 | 0.3683 | 0.0771 |
| Mercury | 67532-01-16 07:41 G | 26386630.71 | 26386630.82 | 26386630.93 | 0.3688 | 0.0834 |
| Mercury | 67537-08-01 01:12 G | 26388654.46 | 26388654.55 | 26388654.63 | 0.3687 | 0.2235 |
| Mercury | 67544-08-28 09:51 G | 26391238.79 | 26391238.91 | 26391239.04 | 0.3684 | 0.1074 |
| Mercury | 67583-02-06 12:00 G | 26405279.93 | 26405280.00 | 26405280.07 | 0.3689 | 0.2811 |
| Mercury | 67588-08-22 05:31 G | 26407303.62 | 26407303.73 | 26407303.84 | 0.3687 | 0.0337 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 67594-03-07 23:03 G | 26409327.42 | 26409327.46 | 26409327.50 | 0.3687 | 0.3369 |
| Mercury | 67595-09-19 09:22 G | 26409887.78 | 26409887.89 | 26409887.99 | 0.3683 | 0.2241 |
| Mercury | 67601-04-04 09:36 G | 26411911.82 | 26411911.90 | 26411911.98 | 0.3684 | 0.2931 |
| Mercury | 67639-09-13 09:51 G | 26425952.81 | 26425952.91 | 26425953.01 | 0.3688 | 0.1621 |
| Mercury | 67645-03-29 03:36 G | 26427976.55 | 26427976.65 | 26427976.75 | 0.3687 | 0.1484 |
| Mercury | 67652-04-25 08:53 G | 26430560.74 | 26430560.87 | 26430561.00 | 0.3683 | 0.0454 |
| Mercury | 67690-10-04 14:10 G | 26444602.07 | 26444602.09 | 26444602.11 | 0.3689 | 0.3626 |
| Mercury | 67696-04-19 07:55 G | 26446625.72 | 26446625.83 | 26446625.94 | 0.3688 | 0.0472 |
| Mercury | 67701-11-04 01:27 G | 26448649.48 | 26448649.56 | 26448649.63 | 0.3687 | 0.2619 |
| Mercury | 67703-05-18 08:39 G | 26449209.85 | 26449209.86 | 26449209.86 | 0.3682 | 0.3679 |
| Mercury | 67708-12-01 08:39 G | 26451233.73 | 26451233.86 | 26451233.98 | 0.3683 | 0.1361 |
| Mercury | 67747-05-12 12:00 G | 26465274.92 | 26465275.00 | 26465275.09 | 0.3689 | 0.2444 |
| Mercury | 67752-11-25 05:46 G | 26467298.63 | 26467298.74 | 26467298.85 | 0.3688 | 0.0707 |
| Mercury | 67759-12-23 08:10 G | 26469882.73 | 26469882.84 | 26469882.95 | 0.3682 | 0.1916 |
| Mercury | 67765-07-08 08:10 G | 26471906.78 | 26471906.84 | 26471906.91 | 0.3684 | 0.3208 |
| Mercury | 67803-12-18 10:05 G | 26485947.82 | 26485947.92 | 26485948.03 | 0.3688 | 0.1254 |
| Mercury | 67809-07-03 03:51 G | 26487971.56 | 26487971.66 | 26487971.75 | 0.3687 | 0.1865 |
| Mercury | 67816-07-30 07:41 G | 26490555.69 | 26490555.82 | 26490555.95 | 0.3683 | 0.0136 |
| Mercury | 67855-01-08 14:10 G | 26504597.04 | 26504597.09 | 26504597.15 | 0.3689 | 0.3260 |
| Mercury | 67860-07-24 08:10 G | 26506620.73 | 26506620.84 | 26506620.95 | 0.3688 | 0.0112 |
| Mercury | 67866-02-07 01:41 G | 26508644.51 | 26508644.57 | 26508644.63 | 0.3687 | 0.3012 |
| Mercury | 67867-08-21 07:27 G | 26509204.76 | 26509204.81 | 26509204.86 | 0.3682 | 0.3324 |
| Mercury | 67873-03-06 07:27 G | 26511228.69 | 26511228.81 | 26511228.92 | 0.3683 | 0.1684 |
| Mercury | 67911-08-16 12:15 G | 26525269.92 | 26525270.01 | 26525270.11 | 0.3689 | 0.2053 |
| Mercury | 67917-03-01 06:00 G | 26527293.65 | 26527293.75 | 26527293.86 | 0.3688 | 0.1107 |
| Mercury | 67924-03-28 06:58 G | 26529877.67 | 26529877.79 | 26529877.91 | 0.3682 | 0.1582 |
| Mercury | 67929-10-12 06:58 G | 26531901.75 | 26531901.79 | 26531901.83 | 0.3684 | 0.3492 |
| Mercury | 67968-03-22 10:19 G | 26545942.82 | 26545942.93 | 26545943.04 | 0.3689 | 0.0864 |
| Mercury | 67973-10-06 04:05 G | 26547966.58 | 26547966.67 | 26547966.75 | 0.3688 | 0.2259 |
| Mercury | 67980-11-02 06:29 G | 26550550.63 | 26550550.77 | 26550550.90 | 0.3683 | 0.0186 |

69TH MILLENNIUM CE

This is a list of transits visible from Venus in the 69th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 68019-04-13 14:24 | G | 26564592.03 | 26564592.10 | 26564592.17 | 0.3690 | 0.2881 | |
| Mercury | 68024-10-27 08:24 | G | 26566615.74 | 26566615.85 | 26566615.96 | 0.3688 | 0.0333 | |
| Mercury | 68030-05-13 01:55 | G | 26568639.54 | 26568639.58 | 26568639.62 | 0.3687 | 0.3388 | |
| Mercury | 68031-11-24 06:15 | G | 26569199.69 | 26569199.76 | 26569199.83 | 0.3681 | 0.3015 | |
| Mercury | 68037-06-09 06:00 | G | 26571223.64 | 26571223.75 | 26571223.86 | 0.3683 | 0.1957 | |
| Mercury | 68075-11-18 12:29 | G | 26585264.92 | 26585265.02 | 26585265.12 | 0.3689 | 0.1681 | |
| Mercury | 68081-06-03 06:15 | G | 26587288.66 | 26587288.76 | 26587288.86 | 0.3688 | 0.1474 | |
| Mercury | 68088-06-30 05:46 | G | 26589872.61 | 26589872.74 | 26589872.86 | 0.3682 | 0.1291 | |
| Mercury | 68132-06-25 10:34 | G | 26605937.83 | 26605937.94 | 26605938.05 | 0.3689 | 0.0489 | |
| Mercury | 68138-01-09 04:19 | G | 26607961.60 | 26607961.68 | 26607961.75 | 0.3688 | 0.2640 | |
| Mercury | 68145-02-05 05:17 | G | 26610545.59 | 26610545.72 | 26610545.85 | 0.3682 | 0.0491 | |
| Mercury | 68183-07-17 14:39 | G | 26624587.03 | 26624587.11 | 26624587.19 | 0.3690 | 0.2495 | |
| Mercury | 68189-01-30 08:24 | G | 26626610.75 | 26626610.85 | 26626610.96 | 0.3688 | 0.0717 | |
| Mercury | 68196-02-27 05:03 | G | 26629194.62 | 26629194.71 | 26629194.80 | 0.3681 | 0.2672 | |
| Mercury | 68201-09-13 04:48 | G | 26631218.60 | 26631218.70 | 26631218.80 | 0.3683 | 0.2279 | |
| Mercury | 68240-02-22 12:43 | G | 26645259.92 | 26645260.03 | 26645260.13 | 0.3689 | 0.1286 | |
| Mercury | 68245-09-07 06:29 | G | 26647283.68 | 26647283.77 | 26647283.87 | 0.3688 | 0.1876 | |
| Mercury | 68252-10-04 04:34 | G | 26649867.56 | 26649867.69 | 26649867.82 | 0.3682 | 0.0949 | |
| Mercury | 68291-03-15 16:48 | G | 26663909.15 | 26663909.20 | 26663909.24 | 0.3690 | 0.3331 | |

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|---------|-------------|-------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 68296-09-28 | 10:48 | G | 26665932.84 | 26665932.95 | 26665933.06 | 0.3689 | 0.0132 |
| Mercury | 68302-04-15 | 04:34 | G | 26667956.62 | 26667956.69 | 26667956.75 | 0.3688 | 0.3027 |
| Mercury | 68309-05-12 | 04:05 | G | 26670540.54 | 26670540.67 | 26670540.80 | 0.3682 | 0.0803 |
| Mercury | 68347-10-21 | 14:53 | G | 26684582.03 | 26684582.12 | 26684582.21 | 0.3690 | 0.2113 |
| Mercury | 68353-05-06 | 08:39 | G | 26686605.76 | 26686605.86 | 26686605.97 | 0.3689 | 0.1082 |
| Mercury | 68360-06-02 | 04:05 | G | 26689189.57 | 26689189.67 | 26689189.76 | 0.3681 | 0.2352 |
| Mercury | 68365-12-17 | 03:36 | G | 26691213.56 | 26691213.65 | 26691213.74 | 0.3682 | 0.2576 |
| Mercury | 68404-05-27 | 12:43 | G | 26705254.93 | 26705255.03 | 26705255.14 | 0.3690 | 0.0925 |
| Mercury | 68409-12-11 | 06:43 | G | 26707278.69 | 26707278.78 | 26707278.87 | 0.3688 | 0.2255 |
| Mercury | 68417-01-07 | 03:22 | G | 26709862.51 | 26709862.64 | 26709862.77 | 0.3681 | 0.0623 |
| Mercury | 68455-06-18 | 16:48 | G | 26723904.14 | 26723904.20 | 26723904.27 | 0.3690 | 0.2962 |
| Mercury | 68461-01-01 | 10:48 | G | 26725927.84 | 26725927.95 | 26725928.06 | 0.3689 | 0.0292 |
| Mercury | 68466-07-18 | 04:48 | G | 26727951.66 | 26727951.70 | 26727951.73 | 0.3688 | 0.3421 |
| Mercury | 68473-08-14 | 02:53 | G | 26730535.50 | 26730535.62 | 26730535.75 | 0.3682 | 0.1132 |
| Mercury | 68512-01-24 | 14:53 | G | 26744577.02 | 26744577.12 | 26744577.22 | 0.3690 | 0.1734 |
| Mercury | 68517-08-09 | 08:53 | G | 26746600.77 | 26746600.87 | 26746600.97 | 0.3689 | 0.1479 |
| Mercury | 68524-09-05 | 02:53 | G | 26749184.52 | 26749184.62 | 26749184.73 | 0.3681 | 0.1990 |
| Mercury | 68530-03-22 | 02:24 | G | 26751208.52 | 26751208.60 | 26751208.68 | 0.3682 | 0.2892 |
| Mercury | 68568-08-30 | 12:58 | G | 26765249.93 | 26765250.04 | 26765250.15 | 0.3690 | 0.0525 |
| Mercury | 68574-03-16 | 06:58 | G | 26767273.71 | 26767273.79 | 26767273.87 | 0.3689 | 0.2655 |
| Mercury | 68581-04-12 | 02:24 | G | 26769857.47 | 26769857.60 | 26769857.73 | 0.3681 | 0.0285 |
| Mercury | 68619-09-22 | 17:03 | G | 26783899.13 | 26783899.21 | 26783899.29 | 0.3691 | 0.2567 |
| Mercury | 68625-04-07 | 11:03 | G | 26785922.85 | 26785922.96 | 26785923.07 | 0.3690 | 0.0678 |
| Mercury | 68632-05-04 | 02:39 | G | 26788506.55 | 26788506.61 | 26788506.66 | 0.3680 | 0.3331 |
| Mercury | 68637-11-18 | 01:41 | G | 26790530.45 | 26790530.57 | 26790530.69 | 0.3681 | 0.1422 |
| Mercury | 68676-04-28 | 15:07 | G | 26804572.02 | 26804572.13 | 26804572.23 | 0.3690 | 0.1358 |
| Mercury | 68681-11-12 | 09:07 | G | 26806595.78 | 26806595.88 | 26806595.98 | 0.3689 | 0.1865 |
| Mercury | 68688-12-09 | 01:55 | G | 26809179.46 | 26809179.58 | 26809179.69 | 0.3680 | 0.1670 |
| Mercury | 68694-06-25 | 01:12 | G | 26811203.48 | 26811203.55 | 26811203.61 | 0.3682 | 0.3168 |
| Mercury | 68727-05-21 | 18:58 | G | 26823221.25 | 26823221.29 | 26823221.33 | 0.3691 | 0.3442 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 68732-12-04 13:12 G | 26825244.93 | 26825245.05 | 26825245.16 | 0.3690 | 0.0180 |
| Mercury | 68738-06-20 07:12 G | 26827268.73 | 26827268.80 | 26827268.86 | 0.3689 | 0.3040 |
| Mercury | 68745-07-17 01:12 G | 26829852.42 | 26829852.55 | 26829852.68 | 0.3681 | 0.0029 |
| Mercury | 68783-12-26 17:03 G | 26843894.12 | 26843894.21 | 26843894.30 | 0.3691 | 0.2200 |
| Mercury | 68789-07-11 11:17 G | 26845917.86 | 26845917.97 | 26845918.07 | 0.3690 | 0.1068 |
| Mercury | 68796-08-07 01:27 G | 26848501.49 | 26848501.56 | 26848501.64 | 0.3680 | 0.2982 |
| Mercury | 68802-02-21 00:43 G | 26850525.41 | 26850525.53 | 26850525.64 | 0.3681 | 0.1749 |
| Mercury | 68840-08-01 15:07 G | 26864567.02 | 26864567.13 | 26864567.24 | 0.3691 | 0.0969 |
| Mercury | 68846-02-15 09:22 G | 26866590.80 | 26866590.89 | 26866590.97 | 0.3689 | 0.2263 |
| Mercury | 68853-03-14 00:58 G | 26869174.42 | 26869174.54 | 26869174.66 | 0.3680 | 0.1325 |
| Mercury | 68858-09-28 00:00 G | 26871198.47 | 26871198.50 | 26871198.54 | 0.3682 | 0.3498 |
| Mercury | 68891-08-23 18:58 G | 26883216.23 | 26883216.29 | 26883216.36 | 0.3691 | 0.3050 |
| Mercury | 68897-03-08 13:27 G | 26885239.94 | 26885240.06 | 26885240.17 | 0.3690 | 0.0301 |
| Mercury | 68902-09-23 07:27 G | 26887263.77 | 26887263.81 | 26887263.84 | 0.3689 | 0.3444 |
| Mercury | 68909-10-20 00:15 G | 26889847.38 | 26889847.51 | 26889847.63 | 0.3681 | 0.0372 |
| Mercury | 68948-03-30 17:17 G | 26903889.12 | 26903889.22 | 26903889.32 | 0.3691 | 0.1811 |
| Mercury | 68953-10-14 11:17 G | 26905912.87 | 26905912.97 | 26905913.08 | 0.3690 | 0.1470 |
| Mercury | 68960-11-10 00:29 G | 26908496.43 | 26908496.52 | 26908496.61 | 0.3680 | 0.2662 |
| Mercury | 68966-05-26 23:31 G | 26910520.37 | 26910520.48 | 26910520.59 | 0.3681 | 0.2058 |

70TH MILLENNIUM CE

This is a list of transits visible from Venus in the 70th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|-------------------------|---|-------|-----|-----|--------|-------|---|
|--------|-------------------------|---|-------|-----|-----|--------|-------|---|

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 69004-11-05 15:22 G | 26924562.03 | 26924562.14 | 26924562.25 | 0.3691 | 0.0575 |
| Mercury | 69010-05-22 09:22 G | 26926585.81 | 26926585.89 | 26926585.97 | 0.3690 | 0.2642 |
| Mercury | 69017-06-17 23:46 G | 26929169.37 | 26929169.49 | 26929169.61 | 0.3680 | 0.1005 |
| Mercury | 69055-11-27 19:12 G | 26943211.22 | 26943211.30 | 26943211.37 | 0.3692 | 0.2678 |
| Mercury | 69061-06-12 13:27 G | 26945234.95 | 26945235.06 | 26945235.17 | 0.3690 | 0.0637 |
| Mercury | 69074-01-22 23:03 G | 26949842.34 | 26949842.46 | 26949842.59 | 0.3680 | 0.0684 |
| Mercury | 69112-07-04 17:17 G | 26963884.12 | 26963884.22 | 26963884.32 | 0.3691 | 0.1426 |
| Mercury | 69118-01-18 11:31 G | 26965907.88 | 26965907.98 | 26965908.08 | 0.3690 | 0.1846 |
| Mercury | 69125-02-13 23:31 G | 26968491.38 | 26968491.48 | 26968491.58 | 0.3679 | 0.2302 |
| Mercury | 69130-08-30 22:34 G | 26970515.34 | 26970515.44 | 26970515.54 | 0.3681 | 0.2405 |
| Mercury | 69163-07-26 21:07 G | 26982533.35 | 26982533.38 | 26982533.41 | 0.3692 | 0.3545 |
| Mercury | 69169-02-08 15:22 G | 26984557.03 | 26984557.14 | 26984557.26 | 0.3691 | 0.0214 |
| Mercury | 69174-08-25 09:36 G | 26986580.84 | 26986580.90 | 26986580.96 | 0.3690 | 0.3044 |
| Mercury | 69181-09-20 22:48 G | 26989164.32 | 26989164.45 | 26989164.58 | 0.3680 | 0.0650 |
| Mercury | 69220-03-01 19:12 G | 27003206.21 | 27003206.30 | 27003206.39 | 0.3692 | 0.2281 |
| Mercury | 69225-09-15 13:27 G | 27005229.96 | 27005230.06 | 27005230.17 | 0.3691 | 0.1045 |
| Mercury | 69232-10-11 23:17 G | 27007813.45 | 27007813.47 | 27007813.50 | 0.3679 | 0.3575 |
| Mercury | 69238-04-27 22:05 G | 27009837.30 | 27009837.42 | 27009837.55 | 0.3680 | 0.1023 |
| Mercury | 69276-10-06 17:31 G | 27023879.12 | 27023879.23 | 27023879.33 | 0.3692 | 0.1035 |
| Mercury | 69282-04-22 11:31 G | 27025902.90 | 27025902.98 | 27025903.07 | 0.3691 | 0.2244 |
| Mercury | 69289-05-18 22:34 G | 27028486.33 | 27028486.44 | 27028486.55 | 0.3679 | 0.1956 |
| Mercury | 69294-12-02 21:22 G | 27030510.30 | 27030510.39 | 27030510.48 | 0.3680 | 0.2697 |
| Mercury | 69327-10-29 21:07 G | 27042528.32 | 27042528.38 | 27042528.44 | 0.3693 | 0.3158 |
| Mercury | 69333-05-14 15:36 G | 27044552.03 | 27044552.15 | 27044552.26 | 0.3691 | 0.0233 |
| Mercury | 69338-11-28 09:36 G | 27046575.87 | 27046575.90 | 27046575.94 | 0.3690 | 0.3437 |
| Mercury | 69345-12-24 21:51 G | 27049159.28 | 27049159.41 | 27049159.54 | 0.3679 | 0.0325 |
| Mercury | 69384-06-04 19:12 G | 27063201.20 | 27063201.30 | 27063201.40 | 0.3692 | 0.1906 |
| Mercury | 69389-12-19 13:41 G | 27065224.96 | 27065225.07 | 27065225.17 | 0.3691 | 0.1420 |
| Mercury | 69397-01-14 22:34 G | 27067808.38 | 27067808.44 | 27067808.50 | 0.3678 | 0.3211 |
| Mercury | 69402-08-01 21:07 G | 27069832.26 | 27069832.38 | 27069832.50 | 0.3680 | 0.1347 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 69441-01-10 17:31 G | 27083874.11 | 27083874.23 | 27083874.34 | 0.3692 | 0.0660 |
| Mercury | 69446-07-27 11:46 G | 27085897.91 | 27085897.99 | 27085898.07 | 0.3691 | 0.2632 |
| Mercury | 69453-08-22 21:36 G | 27088481.29 | 27088481.40 | 27088481.52 | 0.3679 | 0.1605 |
| Mercury | 69459-03-08 20:24 G | 27090505.28 | 27090505.35 | 27090505.42 | 0.3680 | 0.3025 |
| Mercury | 69492-02-01 21:07 G | 27102523.31 | 27102523.38 | 27102523.45 | 0.3693 | 0.2780 |
| Mercury | 69497-08-17 15:36 G | 27104547.04 | 27104547.15 | 27104547.26 | 0.3692 | 0.0595 |
| Mercury | 69510-03-30 20:53 G | 27109154.24 | 27109154.37 | 27109154.50 | 0.3679 | 0.0065 |
| Mercury | 69548-09-08 19:27 G | 27123196.20 | 27123196.31 | 27123196.41 | 0.3692 | 0.1510 |
| Mercury | 69554-03-25 13:41 G | 27125219.98 | 27125220.07 | 27125220.17 | 0.3691 | 0.1828 |
| Mercury | 69561-04-20 21:36 G | 27127803.32 | 27127803.40 | 27127803.48 | 0.3678 | 0.2849 |
| Mercury | 69566-11-04 20:10 G | 27129827.22 | 27129827.34 | 27129827.45 | 0.3680 | 0.1665 |
| Mercury | 69599-09-30 23:03 G | 27141845.45 | 27141845.46 | 27141845.46 | 0.3693 | 0.3674 |
| Mercury | 69605-04-15 17:31 G | 27143869.12 | 27143869.23 | 27143869.34 | 0.3692 | 0.0258 |
| Mercury | 69610-10-30 12:00 G | 27145892.93 | 27145893.00 | 27145893.06 | 0.3691 | 0.3041 |
| Mercury | 69617-11-25 20:39 G | 27148476.24 | 27148476.36 | 27148476.48 | 0.3678 | 0.1280 |
| Mercury | 69623-06-11 19:27 G | 27150500.26 | 27150500.31 | 27150500.36 | 0.3680 | 0.3340 |
| Mercury | 69656-05-06 21:07 G | 27162518.29 | 27162518.38 | 27162518.47 | 0.3693 | 0.2398 |
| Mercury | 69661-11-20 15:36 G | 27164542.04 | 27164542.15 | 27164542.26 | 0.3692 | 0.0994 |
| Mercury | 69674-07-02 19:55 G | 27169149.20 | 27169149.33 | 27169149.46 | 0.3679 | 0.0348 |
| Mercury | 69712-12-12 19:27 G | 27183191.20 | 27183191.31 | 27183191.41 | 0.3693 | 0.1142 |
| Mercury | 69718-06-28 13:55 G | 27185214.99 | 27185215.08 | 27185215.17 | 0.3692 | 0.2209 |
| Mercury | 69725-07-24 20:39 G | 27187798.27 | 27187798.36 | 27187798.45 | 0.3678 | 0.2518 |
| Mercury | 69731-02-07 19:12 G | 27189822.19 | 27189822.30 | 27189822.40 | 0.3679 | 0.1998 |
| Mercury | 69764-01-03 22:48 G | 27201840.40 | 27201840.45 | 27201840.50 | 0.3694 | 0.3303 |
| Mercury | 69769-07-19 17:31 G | 27203864.12 | 27203864.23 | 27203864.35 | 0.3692 | 0.0144 |
| Mercury | 69775-02-02 12:00 G | 27205887.96 | 27205888.00 | 27205888.04 | 0.3691 | 0.3428 |
| Mercury | 69782-02-28 19:55 G | 27208471.21 | 27208471.33 | 27208471.45 | 0.3678 | 0.0913 |
| Mercury | 69787-09-14 18:29 G | 27210495.27 | 27210495.27 | 27210495.27 | 0.3679 | 0.3678 |
| Mercury | 69820-08-10 21:07 G | 27222513.29 | 27222513.38 | 27222513.48 | 0.3693 | 0.2007 |
| Mercury | 69826-02-24 15:51 G | 27224537.05 | 27224537.16 | 27224537.26 | 0.3692 | 0.1384 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 69838-10-06 18:58 G | 27229144.17 | 27229144.29 | 27229144.42 | 0.3679 | 0.0710 |
| Mercury | 69877-03-17 19:27 G | 27243186.20 | 27243186.31 | 27243186.42 | 0.3693 | 0.0728 |
| Mercury | 69882-10-01 13:55 G | 27245210.00 | 27245210.08 | 27245210.16 | 0.3692 | 0.2617 |
| Mercury | 69889-10-27 19:55 G | 27247793.23 | 27247793.33 | 27247793.43 | 0.3678 | 0.2155 |
| Mercury | 69895-05-13 18:15 G | 27249817.16 | 27249817.26 | 27249817.36 | 0.3679 | 0.2338 |
| Mercury | 69928-04-08 23:03 G | 27261835.39 | 27261835.46 | 27261835.52 | 0.3694 | 0.2910 |
| Mercury | 69933-10-23 17:46 G | 27263859.12 | 27263859.24 | 27263859.35 | 0.3693 | 0.0551 |
| Mercury | 69946-06-04 18:58 G | 27268466.17 | 27268466.29 | 27268466.42 | 0.3678 | 0.0574 |
| Mercury | 69984-11-13 21:07 G | 27282508.28 | 27282508.38 | 27282508.49 | 0.3694 | 0.1621 |
| Mercury | 69990-05-30 15:51 G | 27284532.06 | 27284532.16 | 27284532.26 | 0.3692 | 0.1765 |
| Mercury | 69997-06-25 19:55 G | 27287115.29 | 27287115.33 | 27287115.38 | 0.3677 | 0.3366 |

71ST MILLENNIUM CE

This is a list of transits visible from Venus in the 71st millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 70003-01-09 18:15 G | 27289139.13 | 27289139.26 | 27289139.38 | 0.3678 | 0.1040 | | |
| Mercury | 70041-06-20 19:27 G | 27303181.19 | 27303181.31 | 27303181.42 | 0.3693 | 0.0356 | | |
| Mercury | 70047-01-04 13:55 G | 27305205.02 | 27305205.08 | 27305205.15 | 0.3692 | 0.3003 | | |
| Mercury | 70054-01-30 19:12 G | 27307788.19 | 27307788.30 | 27307788.41 | 0.3677 | 0.1794 | | |
| Mercury | 70059-08-16 17:17 G | 27309812.13 | 27309812.22 | 27309812.31 | 0.3678 | 0.2661 | | |
| Mercury | 70092-07-11 22:48 G | 27321830.37 | 27321830.45 | 27321830.54 | 0.3694 | 0.2531 | | |
| Mercury | 70098-01-25 17:31 G | 27323854.12 | 27323854.23 | 27323854.35 | 0.3693 | 0.0924 | | |
| Mercury | 70110-09-07 18:15 G | 27328461.13 | 27328461.26 | 27328461.39 | 0.3677 | 0.0210 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 70149-02-16 21:07 G | 27342503.27 | 27342503.38 | 27342503.49 | 0.3694 | 0.1231 |
| Mercury | 70154-09-02 15:51 G | 27344527.07 | 27344527.16 | 27344527.25 | 0.3693 | 0.2174 |
| Mercury | 70161-09-28 19:12 G | 27347110.23 | 27347110.30 | 27347110.38 | 0.3677 | 0.2979 |
| Mercury | 70167-04-14 17:17 G | 27349134.10 | 27349134.22 | 27349134.34 | 0.3678 | 0.1385 |
| Mercury | 70200-03-11 00:29 G | 27361152.48 | 27361152.52 | 27361152.56 | 0.3695 | 0.3446 |
| Mercury | 70205-09-24 19:27 G | 27363176.19 | 27363176.31 | 27363176.43 | 0.3694 | 0.0049 |
| Mercury | 70211-04-10 14:10 G | 27365200.05 | 27365200.09 | 27365200.13 | 0.3693 | 0.3409 |
| Mercury | 70218-05-06 18:15 G | 27367783.15 | 27367783.26 | 27367783.38 | 0.3677 | 0.1437 |
| Mercury | 70223-11-20 16:19 G | 27369807.11 | 27369807.18 | 27369807.25 | 0.3678 | 0.2968 |
| Mercury | 70256-10-15 22:48 G | 27381825.36 | 27381825.45 | 27381825.55 | 0.3695 | 0.2133 |
| Mercury | 70262-05-01 17:46 G | 27383849.13 | 27383849.24 | 27383849.34 | 0.3693 | 0.1317 |
| Mercury | 70274-12-11 17:17 G | 27388456.09 | 27388456.22 | 27388456.35 | 0.3677 | 0.0120 |
| Mercury | 70313-05-23 21:07 G | 27402498.27 | 27402498.38 | 27402498.49 | 0.3694 | 0.0851 |
| Mercury | 70318-12-07 15:51 G | 27404522.08 | 27404522.16 | 27404522.24 | 0.3693 | 0.2565 |
| Mercury | 70326-01-02 18:29 G | 27407105.18 | 27407105.27 | 27407105.36 | 0.3676 | 0.2627 |
| Mercury | 70331-07-19 16:19 G | 27409129.07 | 27409129.18 | 27409129.29 | 0.3677 | 0.1695 |
| Mercury | 70364-06-14 00:29 G | 27421147.46 | 27421147.52 | 27421147.58 | 0.3695 | 0.3076 |
| Mercury | 70369-12-28 19:27 G | 27423171.19 | 27423171.31 | 27423171.42 | 0.3694 | 0.0436 |
| Mercury | 70382-08-09 17:31 G | 27427778.11 | 27427778.23 | 27427778.35 | 0.3676 | 0.1091 |
| Mercury | 70388-02-23 15:36 G | 27429802.10 | 27429802.15 | 27429802.20 | 0.3678 | 0.3317 |
| Mercury | 70421-01-18 22:48 G | 27441820.35 | 27441820.45 | 27441820.55 | 0.3695 | 0.1759 |
| Mercury | 70426-08-04 17:46 G | 27443844.14 | 27443844.24 | 27443844.34 | 0.3694 | 0.1710 |
| Mercury | 70439-03-16 16:34 G | 27448451.06 | 27448451.19 | 27448451.31 | 0.3677 | 0.0466 |
| Mercury | 70477-08-25 21:07 G | 27462493.27 | 27462493.38 | 27462493.49 | 0.3695 | 0.0453 |
| Mercury | 70483-03-11 15:51 G | 27464517.10 | 27464517.16 | 27464517.23 | 0.3693 | 0.2969 |
| Mercury | 70490-04-06 17:46 G | 27467100.14 | 27467100.24 | 27467100.34 | 0.3676 | 0.2258 |
| Mercury | 70495-10-21 15:36 G | 27469124.05 | 27469124.15 | 27469124.25 | 0.3677 | 0.2045 |
| Mercury | 70528-09-17 00:29 G | 27481142.44 | 27481142.52 | 27481142.60 | 0.3695 | 0.2677 |
| Mercury | 70534-04-02 19:27 G | 27483166.20 | 27483166.31 | 27483166.42 | 0.3694 | 0.0842 |
| Mercury | 70546-11-12 16:48 G | 27487773.07 | 27487773.20 | 27487773.32 | 0.3676 | 0.0752 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 70552-05-28 14:39 G | 27489797.10 | 27489797.11 | 27489797.12 | 0.3678 | 0.3656 |
| Mercury | 70585-04-23 22:48 G | 27501815.34 | 27501815.45 | 27501815.56 | 0.3695 | 0.1367 |
| Mercury | 70590-11-07 17:46 G | 27503839.14 | 27503839.24 | 27503839.33 | 0.3694 | 0.2112 |
| Mercury | 70597-12-03 18:00 G | 27506422.21 | 27506422.25 | 27506422.30 | 0.3675 | 0.3423 |
| Mercury | 70603-06-20 15:51 G | 27508446.03 | 27508446.16 | 27508446.28 | 0.3677 | 0.0816 |
| Mercury | 70636-05-16 01:55 G | 27520464.56 | 27520464.58 | 27520464.60 | 0.3696 | 0.3637 |
| Mercury | 70641-11-29 21:07 G | 27522488.26 | 27522488.38 | 27522488.49 | 0.3695 | 0.0080 |
| Mercury | 70647-06-15 15:51 G | 27524512.12 | 27524512.16 | 27524512.21 | 0.3694 | 0.3357 |
| Mercury | 70654-07-11 17:03 G | 27527095.10 | 27527095.21 | 27527095.31 | 0.3675 | 0.1919 |
| Mercury | 70660-01-25 14:53 G | 27529119.02 | 27529119.12 | 27529119.21 | 0.3677 | 0.2391 |
| Mercury | 70692-12-21 00:15 G | 27541137.42 | 27541137.51 | 27541137.60 | 0.3696 | 0.2307 |
| Mercury | 70698-07-06 19:27 G | 27543161.20 | 27543161.31 | 27543161.42 | 0.3694 | 0.1225 |
| Mercury | 70711-02-16 16:05 G | 27547768.04 | 27547768.17 | 27547768.29 | 0.3676 | 0.0404 |
| Mercury | 70749-07-28 22:34 G | 27561810.33 | 27561810.44 | 27561810.56 | 0.3696 | 0.0987 |
| Mercury | 70755-02-11 17:46 G | 27563834.15 | 27563834.24 | 27563834.32 | 0.3694 | 0.2503 |
| Mercury | 70762-03-09 17:31 G | 27566417.16 | 27566417.23 | 27566417.29 | 0.3675 | 0.3045 |
| Mercury | 70767-09-23 15:07 G | 27568441.01 | 27568441.13 | 27568441.25 | 0.3676 | 0.1177 |
| Mercury | 70800-08-19 01:55 G | 27580459.52 | 27580459.58 | 27580459.63 | 0.3696 | 0.3247 |
| Mercury | 70806-03-04 21:07 G | 27582483.26 | 27582483.38 | 27582483.49 | 0.3695 | 0.0350 |
| Mercury | 70818-10-14 16:19 G | 27587090.07 | 27587090.18 | 27587090.29 | 0.3675 | 0.1544 |
| Mercury | 70824-04-29 14:10 G | 27589114.00 | 27589114.09 | 27589114.17 | 0.3676 | 0.2741 |
| Mercury | 70857-03-26 00:15 G | 27601132.41 | 27601132.51 | 27601132.61 | 0.3696 | 0.1905 |
| Mercury | 70862-10-09 19:27 G | 27603156.20 | 27603156.31 | 27603156.41 | 0.3695 | 0.1631 |
| Mercury | 70875-05-21 15:22 G | 27607763.01 | 27607763.14 | 27607763.26 | 0.3676 | 0.0063 |
| Mercury | 70913-10-31 22:34 G | 27621805.33 | 27621805.44 | 27621805.56 | 0.3696 | 0.0584 |
| Mercury | 70919-05-17 17:31 G | 27623829.16 | 27623829.23 | 27623829.30 | 0.3695 | 0.2899 |
| Mercury | 70926-06-12 16:48 G | 27626412.12 | 27626412.20 | 27626412.28 | 0.3675 | 0.2680 |
| Mercury | 70931-12-27 14:10 G | 27628435.98 | 27628436.09 | 27628436.21 | 0.3676 | 0.1500 |
| Mercury | 70964-11-22 01:41 G | 27640454.50 | 27640454.57 | 27640454.64 | 0.3697 | 0.2864 |
| Mercury | 70970-06-07 20:53 G | 27642478.26 | 27642478.37 | 27642478.49 | 0.3696 | 0.0719 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 70983-01-17 15:36 G | 27647085.03 | 27647085.15 | 27647085.27 | 0.3675 | 0.1194 |
| Mercury | 70988-08-02 13:12 G | 27649108.98 | 27649109.05 | 27649109.12 | 0.3676 | 0.3048 |

72ND MILLENNIUM CE

This is a list of transits visible from Venus in the 72nd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 71021-06-30 00:00 G | | 27661127.40 | 27661127.50 | 27661127.61 | 0.3697 | 0.1532 | |
| Mercury | 71027-01-13 19:12 G | | 27663151.21 | 27663151.30 | 27663151.40 | 0.3695 | 0.2016 | |
| Mercury | 71039-08-25 14:39 G | | 27667757.98 | 27667758.11 | 27667758.23 | 0.3675 | 0.0330 | |
| Mercury | 71078-02-03 22:34 G | | 27681800.32 | 27681800.44 | 27681800.55 | 0.3696 | 0.0206 | |
| Mercury | 71083-08-20 17:31 G | | 27683824.18 | 27683824.23 | 27683824.28 | 0.3695 | 0.3299 | |
| Mercury | 71090-09-15 16:05 G | | 27686407.08 | 27686407.17 | 27686407.27 | 0.3674 | 0.2305 | |
| Mercury | 71096-03-31 13:27 G | | 27688430.96 | 27688431.06 | 27688431.17 | 0.3675 | 0.1855 | |
| Mercury | 71129-02-26 01:41 G | | 27700449.48 | 27700449.57 | 27700449.65 | 0.3697 | 0.2484 | |
| Mercury | 71134-09-11 20:53 G | | 27702473.26 | 27702473.37 | 27702473.48 | 0.3696 | 0.1122 | |
| Mercury | 71147-04-23 15:07 G | | 27707080.01 | 27707080.13 | 27707080.25 | 0.3674 | 0.0821 | |
| Mercury | 71152-11-06 12:29 G | | 27709103.97 | 27709104.02 | 27709104.07 | 0.3676 | 0.3391 | |
| Mercury | 71185-10-03 00:00 G | | 27721122.39 | 27721122.50 | 27721122.61 | 0.3697 | 0.1127 | |
| Mercury | 71191-04-18 19:12 G | | 27723146.22 | 27723146.30 | 27723146.39 | 0.3696 | 0.2421 | |
| Mercury | 71198-05-14 16:48 G | | 27725729.15 | 27725729.20 | 27725729.24 | 0.3673 | 0.3396 | |
| Mercury | 71203-11-28 13:55 G | | 27727752.95 | 27727753.08 | 27727753.20 | 0.3675 | 0.0665 | |
| Mercury | 71236-10-24 02:53 G | | 27739771.59 | 27739771.62 | 27739771.66 | 0.3698 | 0.3454 | |
| Mercury | 71242-05-09 22:19 G | | 27741795.32 | 27741795.43 | 27741795.55 | 0.3697 | 0.0215 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 71254-12-19 15:36 G | 27746402.04 | 27746402.15 | 27746402.25 | 0.3674 | 0.1964 |
| Mercury | 71260-07-04 12:43 G | 27748425.93 | 27748426.03 | 27748426.13 | 0.3675 | 0.2186 |
| Mercury | 71293-05-31 01:27 G | 27760444.46 | 27760444.56 | 27760444.65 | 0.3698 | 0.2099 |
| Mercury | 71298-12-14 20:53 G | 27762468.26 | 27762468.37 | 27762468.47 | 0.3696 | 0.1518 |
| Mercury | 71311-07-27 14:24 G | 27767074.97 | 27767075.10 | 27767075.22 | 0.3674 | 0.0483 |
| Mercury | 71350-01-05 23:46 G | 27781117.38 | 27781117.49 | 27781117.61 | 0.3697 | 0.0758 |
| Mercury | 71355-07-22 19:12 G | 27783141.22 | 27783141.30 | 27783141.37 | 0.3696 | 0.2809 |
| Mercury | 71362-08-17 16:05 G | 27785724.10 | 27785724.17 | 27785724.24 | 0.3673 | 0.3039 |
| Mercury | 71368-03-02 13:12 G | 27787747.93 | 27787748.05 | 27787748.17 | 0.3674 | 0.1020 |
| Mercury | 71401-01-28 02:39 G | 27799766.55 | 27799766.61 | 27799766.68 | 0.3698 | 0.3086 |
| Mercury | 71406-08-13 22:19 G | 27801790.31 | 27801790.43 | 27801790.54 | 0.3697 | 0.0592 |
| Mercury | 71419-03-25 14:53 G | 27806397.01 | 27806397.12 | 27806397.23 | 0.3673 | 0.1582 |
| Mercury | 71424-10-08 12:15 G | 27808420.92 | 27808421.01 | 27808421.10 | 0.3675 | 0.2546 |
| Mercury | 71457-09-04 01:12 G | 27820439.45 | 27820439.55 | 27820439.66 | 0.3698 | 0.1708 |
| Mercury | 71463-03-20 20:39 G | 27822463.26 | 27822463.36 | 27822463.46 | 0.3697 | 0.1916 |
| Mercury | 71475-10-30 13:41 G | 27827069.95 | 27827070.07 | 27827070.20 | 0.3674 | 0.0140 |
| Mercury | 71514-04-11 23:46 G | 27841112.37 | 27841112.49 | 27841112.61 | 0.3698 | 0.0348 |
| Mercury | 71519-10-26 19:12 G | 27843136.24 | 27843136.30 | 27843136.35 | 0.3696 | 0.3226 |
| Mercury | 71526-11-21 15:36 G | 27845719.06 | 27845719.15 | 27845719.23 | 0.3673 | 0.2670 |
| Mercury | 71532-06-06 12:43 G | 27847742.91 | 27847743.03 | 27847743.14 | 0.3674 | 0.1383 |
| Mercury | 71565-05-03 02:39 G | 27859761.53 | 27859761.61 | 27859761.69 | 0.3699 | 0.2689 |
| Mercury | 71570-11-16 22:05 G | 27861785.31 | 27861785.42 | 27861785.54 | 0.3697 | 0.1002 |
| Mercury | 71583-06-28 14:24 G | 27866391.98 | 27866392.10 | 27866392.21 | 0.3673 | 0.1225 |
| Mercury | 71589-01-11 11:31 G | 27868415.90 | 27868415.98 | 27868416.05 | 0.3674 | 0.2869 |
| Mercury | 71621-12-08 00:58 G | 27880434.44 | 27880434.54 | 27880434.66 | 0.3698 | 0.1329 |
| Mercury | 71627-06-23 20:39 G | 27882458.27 | 27882458.36 | 27882458.45 | 0.3697 | 0.2302 |
| Mercury | 71640-02-02 13:12 G | 27887064.92 | 27887065.05 | 27887065.17 | 0.3673 | 0.0252 |
| Mercury | 71678-07-14 23:31 G | 27901107.36 | 27901107.48 | 27901107.60 | 0.3698 | 0.0036 |
| Mercury | 71684-01-28 18:58 G | 27903131.27 | 27903131.29 | 27903131.31 | 0.3697 | 0.3610 |
| Mercury | 71691-02-23 15:07 G | 27905714.03 | 27905714.13 | 27905714.22 | 0.3672 | 0.2293 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 71696-09-08 12:00 G | 27907737.89 | 27907738.00 | 27907738.11 | 0.3673 | 0.1726 |
| Mercury | 71729-08-06 02:24 G | 27919756.51 | 27919756.60 | 27919756.69 | 0.3699 | 0.2313 |
| Mercury | 71735-02-19 22:05 G | 27921780.31 | 27921780.42 | 27921780.53 | 0.3698 | 0.1379 |
| Mercury | 71747-10-01 13:55 G | 27926386.96 | 27926387.08 | 27926387.20 | 0.3673 | 0.0853 |
| Mercury | 71753-04-16 10:48 G | 27928410.89 | 27928410.95 | 27928411.01 | 0.3674 | 0.3223 |
| Mercury | 71786-03-13 00:58 G | 27940429.42 | 27940429.54 | 27940429.65 | 0.3699 | 0.0928 |
| Mercury | 71791-09-26 20:24 G | 27942453.28 | 27942453.35 | 27942453.43 | 0.3697 | 0.2714 |
| Mercury | 71798-10-22 15:51 G | 27945036.11 | 27945036.16 | 27945036.21 | 0.3672 | 0.3330 |
| Mercury | 71804-05-08 12:29 G | 27947059.90 | 27947060.02 | 27947060.15 | 0.3673 | 0.0627 |
| Mercury | 71837-04-04 03:36 G | 27959078.60 | 27959078.65 | 27959078.70 | 0.3700 | 0.3316 |
| Mercury | 71842-10-18 23:17 G | 27961102.36 | 27961102.47 | 27961102.59 | 0.3698 | 0.0457 |
| Mercury | 71855-05-30 14:24 G | 27965709.00 | 27965709.10 | 27965709.21 | 0.3672 | 0.1925 |
| Mercury | 71860-12-13 11:17 G | 27967732.87 | 27967732.97 | 27967733.07 | 0.3673 | 0.2050 |
| Mercury | 71893-11-09 02:10 G | 27979751.49 | 27979751.59 | 27979751.69 | 0.3699 | 0.1917 |
| Mercury | 71899-05-25 21:51 G | 27981775.31 | 27981775.41 | 27981775.51 | 0.3698 | 0.1770 |
| Mercury | 71912-01-05 13:12 G | 27986381.93 | 27986382.05 | 27986382.17 | 0.3672 | 0.0506 |
| Mercury | 71917-07-21 10:05 G | 27988405.90 | 27988405.92 | 27988405.95 | 0.3674 | 0.3553 |
| Mercury | 71950-06-17 00:43 G | 28000424.41 | 28000424.53 | 28000424.65 | 0.3699 | 0.0557 |
| Mercury | 71955-12-31 20:24 G | 28002448.28 | 28002448.35 | 28002448.41 | 0.3698 | 0.3103 |
| Mercury | 71963-01-26 15:22 G | 28005031.07 | 28005031.14 | 28005031.21 | 0.3671 | 0.2964 |
| Mercury | 71968-08-11 12:00 G | 28007054.88 | 28007055.00 | 28007055.12 | 0.3672 | 0.0941 |

73RD MILLENNIUM CE

This is a list of transits visible from Venus in the 73rd millennium CE.

| | | | | | | | | |
|--------|------|---|-------|-----|-----|--------|-------|---|
| PLANET | MAX- | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|------|---|-------|-----|-----|--------|-------|---|

TRANSIT

TIME

| | | | | | | |
|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 72001-07-08 03:22 G | 28019073.57 | 28019073.64 | 28019073.71 | 0.3700 | 0.2951 |
| Mercury | 72007-01-21 23:17 G | 28021097.35 | 28021097.47 | 28021097.58 | 0.3699 | 0.0825 |
| Mercury | 72019-09-02 13:55 G | 28025703.97 | 28025704.08 | 28025704.19 | 0.3671 | 0.1559 |
| Mercury | 72025-03-18 10:48 G | 28027727.86 | 28027727.95 | 28027728.04 | 0.3673 | 0.2416 |
| Mercury | 72058-02-12 01:55 G | 28039746.47 | 28039746.58 | 28039746.69 | 0.3700 | 0.1543 |
| Mercury | 72063-08-28 21:36 G | 28041770.31 | 28041770.40 | 28041770.50 | 0.3698 | 0.2176 |
| Mercury | 72076-04-08 12:43 G | 28046376.91 | 28046377.03 | 28046377.15 | 0.3672 | 0.0139 |
| Mercury | 72114-09-20 00:29 G | 28060419.40 | 28060419.52 | 28060419.64 | 0.3699 | 0.0156 |
| Mercury | 72120-04-04 20:10 G | 28062443.31 | 28062443.34 | 28062443.37 | 0.3698 | 0.3508 |
| Mercury | 72127-05-01 14:53 G | 28065026.03 | 28065026.12 | 28065026.20 | 0.3671 | 0.2586 |
| Mercury | 72132-11-14 11:31 G | 28067049.86 | 28067049.98 | 28067050.09 | 0.3672 | 0.1306 |
| Mercury | 72165-10-11 03:07 G | 28079068.54 | 28079068.63 | 28079068.71 | 0.3700 | 0.2555 |
| Mercury | 72171-04-26 23:03 G | 28081092.35 | 28081092.46 | 28081092.57 | 0.3699 | 0.1221 |
| Mercury | 72183-12-06 13:27 G | 28085698.95 | 28085699.06 | 28085699.18 | 0.3671 | 0.1205 |
| Mercury | 72189-06-21 10:19 G | 28087722.85 | 28087722.93 | 28087723.00 | 0.3673 | 0.2772 |
| Mercury | 72222-05-19 01:41 G | 28099741.46 | 28099741.57 | 28099741.68 | 0.3700 | 0.1158 |
| Mercury | 72227-12-02 21:36 G | 28101765.31 | 28101765.40 | 28101765.48 | 0.3699 | 0.2574 |
| Mercury | 72234-12-28 15:36 G | 28104348.14 | 28104348.15 | 28104348.17 | 0.3670 | 0.3614 |
| Mercury | 72240-07-13 12:15 G | 28106371.88 | 28106372.01 | 28106372.13 | 0.3672 | 0.0245 |
| Mercury | 72273-06-09 04:05 G | 28118390.65 | 28118390.67 | 28118390.69 | 0.3701 | 0.3616 |
| Mercury | 72278-12-24 00:15 G | 28120414.39 | 28120414.51 | 28120414.63 | 0.3700 | 0.0234 |
| Mercury | 72291-08-04 14:24 G | 28125021.00 | 28125021.10 | 28125021.19 | 0.3670 | 0.2236 |
| Mercury | 72297-02-17 10:48 G | 28127044.85 | 28127044.95 | 28127045.06 | 0.3672 | 0.1669 |
| Mercury | 72330-01-15 02:53 G | 28139063.52 | 28139063.62 | 28139063.71 | 0.3701 | 0.2195 |
| Mercury | 72335-07-31 22:48 G | 28141087.34 | 28141087.45 | 28141087.56 | 0.3699 | 0.1602 |
| Mercury | 72348-03-11 12:58 G | 28145693.92 | 28145694.04 | 28145694.16 | 0.3671 | 0.0836 |
| Mercury | 72353-09-25 09:36 G | 28147717.84 | 28147717.90 | 28147717.97 | 0.3672 | 0.3118 |
| Mercury | 72386-08-22 01:27 G | 28159736.44 | 28159736.56 | 28159736.67 | 0.3700 | 0.0776 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 72392-03-06 21:22 G | 28161760.32 | 28161760.39 | 28161760.46 | 0.3699 | 0.2964 |
| Mercury | 72399-04-02 15:22 G | 28164343.08 | 28164343.14 | 28164343.19 | 0.3670 | 0.3229 |
| Mercury | 72404-10-16 11:46 G | 28166366.87 | 28166366.99 | 28166367.11 | 0.3671 | 0.0594 |
| Mercury | 72437-09-12 03:51 G | 28178385.61 | 28178385.66 | 28178385.72 | 0.3701 | 0.3229 |
| Mercury | 72443-03-29 00:00 G | 28180409.38 | 28180409.50 | 28180409.62 | 0.3700 | 0.0635 |
| Mercury | 72455-11-07 13:55 G | 28185015.98 | 28185016.08 | 28185016.18 | 0.3670 | 0.1853 |
| Mercury | 72461-05-23 10:19 G | 28187039.83 | 28187039.93 | 28187040.04 | 0.3671 | 0.2027 |
| Mercury | 72494-04-19 02:24 G | 28199058.50 | 28199058.60 | 28199058.71 | 0.3701 | 0.1800 |
| Mercury | 72499-11-02 22:34 G | 28201082.34 | 28201082.44 | 28201082.54 | 0.3700 | 0.2008 |
| Mercury | 72512-06-14 12:29 G | 28205688.90 | 28205689.02 | 28205689.14 | 0.3670 | 0.0475 |
| Mercury | 72517-12-29 09:07 G | 28207712.84 | 28207712.88 | 28207712.92 | 0.3672 | 0.3441 |
| Mercury | 72550-11-25 01:12 G | 28219731.43 | 28219731.55 | 28219731.67 | 0.3701 | 0.0372 |
| Mercury | 72556-06-09 21:07 G | 28221755.33 | 28221755.38 | 28221755.43 | 0.3700 | 0.3355 |
| Mercury | 72563-07-06 14:53 G | 28224338.05 | 28224338.12 | 28224338.19 | 0.3669 | 0.2857 |
| Mercury | 72569-01-19 11:17 G | 28226361.85 | 28226361.97 | 28226362.08 | 0.3671 | 0.0942 |
| Mercury | 72601-12-17 03:36 G | 28238380.57 | 28238380.65 | 28238380.72 | 0.3702 | 0.2856 |
| Mercury | 72607-07-02 23:46 G | 28240404.37 | 28240404.49 | 28240404.60 | 0.3701 | 0.1007 |
| Mercury | 72620-02-11 13:27 G | 28245010.95 | 28245011.06 | 28245011.17 | 0.3670 | 0.1490 |
| Mercury | 72625-08-27 09:51 G | 28247034.82 | 28247034.91 | 28247035.00 | 0.3671 | 0.2351 |
| Mercury | 72658-07-24 02:10 G | 28259053.48 | 28259053.59 | 28259053.70 | 0.3702 | 0.1423 |
| Mercury | 72664-02-06 22:19 G | 28261077.34 | 28261077.43 | 28261077.52 | 0.3700 | 0.2388 |
| Mercury | 72676-09-17 12:15 G | 28265683.88 | 28265684.01 | 28265684.13 | 0.3670 | 0.0158 |
| Mercury | 72715-03-01 00:58 G | 28279726.42 | 28279726.54 | 28279726.66 | 0.3701 | 0.0133 |
| Mercury | 72727-10-10 14:39 G | 28284333.02 | 28284333.11 | 28284333.19 | 0.3669 | 0.2473 |
| Mercury | 72733-04-25 10:48 G | 28286356.83 | 28286356.95 | 28286357.06 | 0.3670 | 0.1301 |
| Mercury | 72766-03-22 03:07 G | 28298375.54 | 28298375.63 | 28298375.72 | 0.3702 | 0.2473 |
| Mercury | 72771-10-05 23:31 G | 28300399.37 | 28300399.48 | 28300399.59 | 0.3701 | 0.1412 |
| Mercury | 72784-05-16 13:12 G | 28305005.93 | 28305006.05 | 28305006.16 | 0.3669 | 0.1110 |
| Mercury | 72789-11-30 09:22 G | 28307029.81 | 28307029.89 | 28307029.97 | 0.3671 | 0.2704 |
| Mercury | 72822-10-27 01:55 G | 28319048.46 | 28319048.58 | 28319048.69 | 0.3702 | 0.1024 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 72828-05-11 22:05 G | 28321072.34 | 28321072.42 | 28321072.50 | 0.3701 | 0.2792 |
| Mercury | 72835-06-07 15:36 G | 28323655.11 | 28323655.15 | 28323655.19 | 0.3668 | 0.3442 |
| Mercury | 72840-12-21 11:31 G | 28325678.86 | 28325678.98 | 28325679.11 | 0.3670 | 0.0279 |
| Mercury | 72873-11-17 04:05 G | 28337697.64 | 28337697.67 | 28337697.70 | 0.3703 | 0.3554 |
| Mercury | 72879-06-03 00:29 G | 28339721.40 | 28339721.52 | 28339721.64 | 0.3702 | 0.0387 |
| Mercury | 72892-01-12 14:10 G | 28344327.99 | 28344328.09 | 28344328.18 | 0.3668 | 0.2121 |
| Mercury | 72897-07-28 10:19 G | 28346351.82 | 28346351.93 | 28346352.04 | 0.3670 | 0.1640 |
| Mercury | 72930-06-25 02:53 G | 28358370.52 | 28358370.62 | 28358370.72 | 0.3703 | 0.2105 |
| Mercury | 72936-01-08 23:17 G | 28360394.36 | 28360394.47 | 28360394.57 | 0.3701 | 0.1800 |
| Mercury | 72948-08-19 12:43 G | 28365000.91 | 28365001.03 | 28365001.15 | 0.3669 | 0.0761 |
| Mercury | 72954-03-05 08:53 G | 28367024.81 | 28367024.87 | 28367024.94 | 0.3670 | 0.3058 |
| Mercury | 72987-01-30 01:27 G | 28379043.44 | 28379043.56 | 28379043.68 | 0.3702 | 0.0664 |
| Mercury | 72992-08-14 21:51 G | 28381067.35 | 28381067.41 | 28381067.47 | 0.3701 | 0.3179 |
| Mercury | 72999-09-10 15:22 G | 28383650.07 | 28383650.14 | 28383650.20 | 0.3668 | 0.3077 |

74TH MILLENNIUM CE

This is a list of transits visible from Venus in the 74th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 73005-03-27 11:17 G | 28385673.85 | 28385673.97 | 28385674.09 | 0.3669 | 0.0614 | | |
| Mercury | 73038-02-21 03:36 G | 28397692.59 | 28397692.65 | 28397692.71 | 0.3703 | 0.3193 | | |
| Mercury | 73043-09-07 00:15 G | 28399716.39 | 28399716.51 | 28399716.63 | 0.3702 | 0.0779 | | |
| Mercury | 73056-04-17 13:55 G | 28404322.97 | 28404323.08 | 28404323.18 | 0.3668 | 0.1740 | | |
| Mercury | 73061-11-01 09:51 G | 28406346.81 | 28406346.91 | 28406347.01 | 0.3669 | 0.2011 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 73094-09-28 02:24 G | 28418365.50 | 28418365.60 | 28418365.71 | 0.3703 | 0.1717 |
| Mercury | 73100-04-13 22:48 G | 28420389.36 | 28420389.45 | 28420389.55 | 0.3702 | 0.2196 |
| Mercury | 73112-11-23 12:15 G | 28424995.89 | 28424996.01 | 28424996.13 | 0.3668 | 0.0400 |
| Mercury | 73118-06-09 08:24 G | 28427019.81 | 28427019.85 | 28427019.90 | 0.3670 | 0.3410 |
| Mercury | 73151-05-06 01:12 G | 28439038.43 | 28439038.55 | 28439038.67 | 0.3703 | 0.0261 |
| Mercury | 73156-11-18 21:36 G | 28441062.37 | 28441062.40 | 28441062.42 | 0.3701 | 0.3591 |
| Mercury | 73163-12-15 14:53 G | 28443645.04 | 28443645.12 | 28443645.20 | 0.3667 | 0.2707 |
| Mercury | 73169-06-30 10:48 G | 28445668.84 | 28445668.95 | 28445669.07 | 0.3669 | 0.0983 |
| Mercury | 73202-05-27 03:22 G | 28457687.56 | 28457687.64 | 28457687.71 | 0.3704 | 0.2811 |
| Mercury | 73207-12-11 00:00 G | 28459711.38 | 28459711.50 | 28459711.61 | 0.3703 | 0.1178 |
| Mercury | 73220-07-21 13:27 G | 28464317.95 | 28464318.06 | 28464318.17 | 0.3668 | 0.1373 |
| Mercury | 73226-02-04 09:22 G | 28466341.80 | 28466341.89 | 28466341.98 | 0.3669 | 0.2350 |
| Mercury | 73259-01-01 02:10 G | 28478360.47 | 28478360.59 | 28478360.70 | 0.3704 | 0.1349 |
| Mercury | 73264-07-16 22:34 G | 28480384.35 | 28480384.44 | 28480384.52 | 0.3702 | 0.2572 |
| Mercury | 73271-08-12 16:05 G | 28482967.16 | 28482967.17 | 28482967.18 | 0.3667 | 0.3646 |
| Mercury | 73277-02-25 12:00 G | 28484990.88 | 28484991.00 | 28484991.12 | 0.3668 | 0.0047 |
| Mercury | 73315-08-09 00:43 G | 28499033.41 | 28499033.53 | 28499033.65 | 0.3703 | 0.0133 |
| Mercury | 73328-03-19 14:39 G | 28503640.02 | 28503640.11 | 28503640.20 | 0.3667 | 0.2324 |
| Mercury | 73333-10-03 10:34 G | 28505663.83 | 28505663.94 | 28505664.05 | 0.3668 | 0.1339 |
| Mercury | 73366-08-30 02:53 G | 28517682.53 | 28517682.62 | 28517682.71 | 0.3704 | 0.2444 |
| Mercury | 73372-03-14 23:31 G | 28519706.37 | 28519706.48 | 28519706.59 | 0.3703 | 0.1551 |
| Mercury | 73384-10-24 13:12 G | 28524312.93 | 28524313.05 | 28524313.16 | 0.3667 | 0.0995 |
| Mercury | 73390-05-10 09:07 G | 28526336.80 | 28526336.88 | 28526336.96 | 0.3669 | 0.2710 |
| Mercury | 73423-04-07 01:41 G | 28538355.45 | 28538355.57 | 28538355.69 | 0.3704 | 0.0953 |
| Mercury | 73428-10-20 22:19 G | 28540379.36 | 28540379.43 | 28540379.50 | 0.3703 | 0.2982 |
| Mercury | 73435-11-16 15:51 G | 28542962.11 | 28542962.16 | 28542962.22 | 0.3666 | 0.3251 |
| Mercury | 73441-06-01 11:46 G | 28544985.87 | 28544985.99 | 28544986.11 | 0.3668 | 0.0367 |
| Mercury | 73474-04-28 03:36 G | 28557004.62 | 28557004.65 | 28557004.68 | 0.3705 | 0.3560 |
| Mercury | 73479-11-12 00:29 G | 28559028.40 | 28559028.52 | 28559028.64 | 0.3704 | 0.0508 |
| Mercury | 73492-06-22 14:24 G | 28563635.00 | 28563635.10 | 28563635.20 | 0.3667 | 0.1949 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 73498-01-06 10:05 G | 28565658.81 | 28565658.92 | 28565659.03 | 0.3668 | 0.1671 |
| Mercury | 73530-12-04 02:24 G | 28577677.50 | 28577677.60 | 28577677.70 | 0.3705 | 0.2058 |
| Mercury | 73536-06-18 23:03 G | 28579701.36 | 28579701.46 | 28579701.57 | 0.3704 | 0.1939 |
| Mercury | 73549-01-28 12:43 G | 28584307.92 | 28584308.03 | 28584308.15 | 0.3667 | 0.0649 |
| Mercury | 73554-08-14 08:39 G | 28586331.80 | 28586331.86 | 28586331.93 | 0.3668 | 0.3047 |
| Mercury | 73587-07-11 01:12 G | 28598350.43 | 28598350.55 | 28598350.67 | 0.3704 | 0.0593 |
| Mercury | 73593-01-23 21:51 G | 28600374.36 | 28600374.41 | 28600374.46 | 0.3703 | 0.3359 |
| Mercury | 73600-02-19 15:36 G | 28602957.08 | 28602957.15 | 28602957.22 | 0.3666 | 0.2879 |
| Mercury | 73605-09-04 11:17 G | 28604980.85 | 28604980.97 | 28604981.09 | 0.3667 | 0.0685 |
| Mercury | 73638-08-01 03:07 G | 28616999.57 | 28616999.63 | 28616999.69 | 0.3706 | 0.3211 |
| Mercury | 73644-02-15 00:00 G | 28619023.38 | 28619023.50 | 28619023.62 | 0.3704 | 0.0872 |
| Mercury | 73656-09-25 14:10 G | 28623629.98 | 28623630.09 | 28623630.19 | 0.3666 | 0.1583 |
| Mercury | 73662-04-11 09:51 G | 28625653.81 | 28625653.91 | 28625654.01 | 0.3667 | 0.2041 |
| Mercury | 73695-03-08 01:55 G | 28637672.47 | 28637672.58 | 28637672.69 | 0.3705 | 0.1694 |
| Mercury | 73700-09-21 22:48 G | 28639696.36 | 28639696.45 | 28639696.54 | 0.3704 | 0.2334 |
| Mercury | 73713-05-03 12:29 G | 28644302.90 | 28644303.02 | 28644303.14 | 0.3666 | 0.0275 |
| Mercury | 73718-11-17 08:24 G | 28646326.81 | 28646326.85 | 28646326.89 | 0.3668 | 0.3412 |
| Mercury | 73751-10-14 00:43 G | 28658345.41 | 28658345.53 | 28658345.66 | 0.3705 | 0.0223 |
| Mercury | 73764-05-24 15:22 G | 28662952.06 | 28662952.14 | 28662952.23 | 0.3665 | 0.2500 |
| Mercury | 73769-12-08 11:03 G | 28664975.84 | 28664975.96 | 28664976.07 | 0.3667 | 0.1052 |
| Mercury | 73802-11-05 02:39 G | 28676994.53 | 28676994.61 | 28676994.69 | 0.3706 | 0.2826 |
| Mercury | 73808-05-20 23:31 G | 28679018.37 | 28679018.48 | 28679018.60 | 0.3705 | 0.1276 |
| Mercury | 73820-12-30 13:41 G | 28683624.96 | 28683625.07 | 28683625.18 | 0.3666 | 0.1233 |
| Mercury | 73826-07-16 09:22 G | 28685648.80 | 28685648.89 | 28685648.98 | 0.3667 | 0.2399 |
| Mercury | 73859-06-12 01:27 G | 28697667.45 | 28697667.56 | 28697667.67 | 0.3706 | 0.1327 |
| Mercury | 73864-12-25 22:19 G | 28699691.35 | 28699691.43 | 28699691.51 | 0.3704 | 0.2725 |
| Mercury | 73872-01-21 16:48 G | 28702274.16 | 28702274.20 | 28702274.24 | 0.3665 | 0.3420 |
| Mercury | 73877-08-06 12:15 G | 28704297.89 | 28704298.01 | 28704298.13 | 0.3666 | 0.0101 |
| Mercury | 73916-01-18 00:15 G | 28718340.39 | 28718340.51 | 28718340.64 | 0.3706 | 0.0192 |
| Mercury | 73928-08-28 15:07 G | 28722947.04 | 28722947.13 | 28722947.23 | 0.3665 | 0.2146 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 73934-03-14 10:48 G | 28724970.84 | 28724970.95 | 28724971.06 | 0.3666 | 0.1422 |
| Mercury | 73967-02-08 02:10 G | 28736989.49 | 28736989.59 | 28736989.68 | 0.3707 | 0.2482 |
| Mercury | 73972-08-23 23:03 G | 28739013.36 | 28739013.46 | 28739013.57 | 0.3705 | 0.1651 |
| Mercury | 73985-04-04 13:27 G | 28743619.95 | 28743620.06 | 28743620.18 | 0.3665 | 0.0864 |
| Mercury | 73990-10-19 09:07 G | 28745643.81 | 28745643.88 | 28745643.96 | 0.3666 | 0.2757 |

75TH MILLENNIUM CE

This is a list of transits visible from Venus in the 75th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 74023-09-15 00:58 G | 28757662.42 | 28757662.54 | 28757662.66 | 0.3706 | 0.0952 | | |
| Mercury | 74029-03-30 22:05 G | 28759686.35 | 28759686.42 | 28759686.48 | 0.3705 | 0.3110 | | |
| Mercury | 74036-04-25 16:34 G | 28762269.13 | 28762269.19 | 28762269.26 | 0.3664 | 0.3036 | | |
| Mercury | 74041-11-09 12:00 G | 28764292.88 | 28764293.00 | 28764293.12 | 0.3666 | 0.0459 | | |
| Mercury | 74074-10-06 02:39 G | 28776311.59 | 28776311.61 | 28776311.63 | 0.3707 | 0.3645 | | |
| Mercury | 74080-04-21 00:00 G | 28778335.37 | 28778335.50 | 28778335.62 | 0.3706 | 0.0576 | | |
| Mercury | 74092-11-30 14:53 G | 28782942.02 | 28782942.12 | 28782942.23 | 0.3665 | 0.1771 | | |
| Mercury | 74098-06-16 10:19 G | 28784965.83 | 28784965.93 | 28784966.04 | 0.3666 | 0.1783 | | |
| Mercury | 74131-05-14 01:27 G | 28796984.46 | 28796984.56 | 28796984.67 | 0.3707 | 0.2102 | | |
| Mercury | 74136-11-26 22:48 G | 28799008.35 | 28799008.45 | 28799008.55 | 0.3705 | 0.2042 | | |
| Mercury | 74149-07-08 13:27 G | 28803614.94 | 28803615.06 | 28803615.17 | 0.3665 | 0.0507 | | |
| Mercury | 74155-01-22 08:53 G | 28805638.80 | 28805638.87 | 28805638.93 | 0.3666 | 0.3085 | | |
| Mercury | 74187-12-19 00:29 G | 28817657.40 | 28817657.52 | 28817657.64 | 0.3707 | 0.0564 | | |
| Mercury | 74193-07-03 21:36 G | 28819681.36 | 28819681.40 | 28819681.43 | 0.3705 | 0.3488 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 74200-07-30 16:19 G | 28822264.10 | 28822264.18 | 28822264.26 | 0.3664 | 0.2669 |
| Mercury | 74206-02-13 11:46 G | 28824287.87 | 28824287.99 | 28824288.10 | 0.3665 | 0.0812 |
| Mercury | 74239-01-10 01:55 G | 28836306.53 | 28836306.58 | 28836306.64 | 0.3708 | 0.3292 |
| Mercury | 74244-07-25 23:17 G | 28838330.35 | 28838330.47 | 28838330.59 | 0.3706 | 0.0924 |
| Mercury | 74257-03-06 14:39 G | 28842937.01 | 28842937.11 | 28842937.22 | 0.3664 | 0.1406 |
| Mercury | 74262-09-20 10:05 G | 28844960.83 | 28844960.92 | 28844961.02 | 0.3665 | 0.2115 |
| Mercury | 74295-08-17 00:58 G | 28856979.43 | 28856979.54 | 28856979.65 | 0.3707 | 0.1742 |
| Mercury | 74301-03-02 22:19 G | 28859003.33 | 28859003.43 | 28859003.52 | 0.3706 | 0.2411 |
| Mercury | 74308-03-28 18:00 G | 28861586.22 | 28861586.25 | 28861586.27 | 0.3663 | 0.3538 |
| Mercury | 74313-10-12 13:12 G | 28863609.93 | 28863610.05 | 28863610.17 | 0.3664 | 0.0135 |
| Mercury | 74319-04-28 08:39 G | 28865633.82 | 28865633.86 | 28865633.89 | 0.3666 | 0.3443 |
| Mercury | 74352-03-24 00:00 G | 28877652.38 | 28877652.50 | 28877652.62 | 0.3707 | 0.0206 |
| Mercury | 74364-11-02 16:19 G | 28882259.09 | 28882259.18 | 28882259.27 | 0.3663 | 0.2285 |
| Mercury | 74370-05-19 11:31 G | 28884282.87 | 28884282.98 | 28884283.09 | 0.3665 | 0.1176 |
| Mercury | 74403-04-15 01:27 G | 28896301.49 | 28896301.56 | 28896301.63 | 0.3708 | 0.2922 |
| Mercury | 74408-10-28 22:48 G | 28898325.34 | 28898325.45 | 28898325.57 | 0.3707 | 0.1318 |
| Mercury | 74421-06-09 14:39 G | 28902932.00 | 28902932.11 | 28902932.22 | 0.3664 | 0.1022 |
| Mercury | 74426-12-24 09:51 G | 28904955.82 | 28904955.91 | 28904956.00 | 0.3665 | 0.2466 |
| Mercury | 74459-11-20 00:29 G | 28916974.40 | 28916974.52 | 28916974.63 | 0.3708 | 0.1356 |
| Mercury | 74465-06-04 21:51 G | 28918998.33 | 28918998.41 | 28918998.49 | 0.3707 | 0.2800 |
| Mercury | 74472-06-30 17:46 G | 28921581.18 | 28921581.24 | 28921581.30 | 0.3663 | 0.3160 |
| Mercury | 74478-01-14 12:58 G | 28923604.92 | 28923605.04 | 28923605.15 | 0.3664 | 0.0262 |
| Mercury | 74516-06-26 23:17 G | 28937647.35 | 28937647.47 | 28937647.60 | 0.3708 | 0.0187 |
| Mercury | 74529-02-05 16:05 G | 28942254.07 | 28942254.17 | 28942254.27 | 0.3663 | 0.1933 |
| Mercury | 74534-08-22 11:17 G | 28944277.86 | 28944277.97 | 28944278.08 | 0.3664 | 0.1514 |
| Mercury | 74567-07-19 00:43 G | 28956296.44 | 28956296.53 | 28956296.62 | 0.3709 | 0.2576 |
| Mercury | 74573-01-31 22:19 G | 28958320.32 | 28958320.43 | 28958320.54 | 0.3707 | 0.1678 |
| Mercury | 74585-09-12 14:24 G | 28962926.98 | 28962927.10 | 28962927.21 | 0.3663 | 0.0673 |
| Mercury | 74591-03-29 09:36 G | 28964950.83 | 28964950.90 | 28964950.98 | 0.3664 | 0.2822 |
| Mercury | 74624-02-23 23:46 G | 28976969.37 | 28976969.49 | 28976969.61 | 0.3708 | 0.1014 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 74629-09-08 21:07 G | 28978993.32 | 28978993.38 | 28978993.45 | 0.3707 | 0.3175 |
| Mercury | 74636-10-04 17:46 G | 28981576.16 | 28981576.24 | 28981576.31 | 0.3662 | 0.2793 |
| Mercury | 74642-04-20 12:43 G | 28983599.91 | 28983600.03 | 28983600.15 | 0.3663 | 0.0597 |
| Mercury | 74680-09-29 22:48 G | 28997642.33 | 28997642.45 | 28997642.57 | 0.3708 | 0.0545 |
| Mercury | 74693-05-11 15:51 G | 29002249.06 | 29002249.16 | 29002249.27 | 0.3662 | 0.1556 |
| Mercury | 74698-11-25 11:03 G | 29004272.86 | 29004272.96 | 29004273.06 | 0.3664 | 0.1886 |
| Mercury | 74731-10-23 00:15 G | 29016291.41 | 29016291.51 | 29016291.61 | 0.3709 | 0.2203 |
| Mercury | 74737-05-07 21:51 G | 29018315.31 | 29018315.41 | 29018315.51 | 0.3708 | 0.2066 |
| Mercury | 74744-06-02 19:12 G | 29020898.29 | 29020898.30 | 29020898.32 | 0.3661 | 0.3635 |
| Mercury | 74749-12-17 14:10 G | 29022921.98 | 29022922.09 | 29022922.21 | 0.3663 | 0.0314 |
| Mercury | 74755-07-03 09:22 G | 29024945.84 | 29024945.89 | 29024945.95 | 0.3664 | 0.3175 |
| Mercury | 74788-05-28 23:17 G | 29036964.35 | 29036964.47 | 29036964.59 | 0.3709 | 0.0636 |
| Mercury | 74793-12-12 20:53 G | 29038988.34 | 29038988.37 | 29038988.39 | 0.3707 | 0.3572 |
| Mercury | 74801-01-07 17:31 G | 29041571.14 | 29041571.23 | 29041571.32 | 0.3662 | 0.2431 |
| Mercury | 74806-07-24 12:29 G | 29043594.91 | 29043595.02 | 29043595.14 | 0.3663 | 0.0958 |
| Mercury | 74839-06-20 00:29 G | 29055613.48 | 29055613.52 | 29055613.56 | 0.3710 | 0.3448 |
| Mercury | 74845-01-02 22:19 G | 29057637.31 | 29057637.43 | 29057637.55 | 0.3709 | 0.0918 |
| Mercury | 74857-08-14 15:51 G | 29062244.05 | 29062244.16 | 29062244.27 | 0.3662 | 0.1196 |
| Mercury | 74863-02-28 10:48 G | 29064267.86 | 29064267.95 | 29064268.04 | 0.3663 | 0.2229 |
| Mercury | 74896-01-24 23:31 G | 29076286.37 | 29076286.48 | 29076286.59 | 0.3710 | 0.1855 |
| Mercury | 74901-08-10 21:07 G | 29078310.29 | 29078310.38 | 29078310.48 | 0.3708 | 0.2430 |
| Mercury | 74908-09-05 19:12 G | 29080893.25 | 29080893.30 | 29080893.35 | 0.3661 | 0.3275 |
| Mercury | 74914-03-22 14:10 G | 29082916.97 | 29082917.09 | 29082917.20 | 0.3662 | 0.0102 |
| Mercury | 74919-10-06 09:07 G | 29084940.85 | 29084940.88 | 29084940.91 | 0.3663 | 0.3520 |
| Mercury | 74952-08-31 22:34 G | 29096959.32 | 29096959.44 | 29096959.57 | 0.3709 | 0.0280 |
| Mercury | 74965-04-12 17:31 G | 29101566.13 | 29101566.23 | 29101566.32 | 0.3661 | 0.2051 |
| Mercury | 74970-10-27 12:29 G | 29103589.91 | 29103590.02 | 29103590.13 | 0.3662 | 0.1324 |

76TH MILLENNIUM CE

This is a list of transits visible from Venus in the 76th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 75003-09-23 23:46 | G | 29115608.42 | 29115608.49 | 29115608.56 | 0.3710 | 0.3100 | |
| Mercury | 75009-04-08 21:36 | G | 29117632.29 | 29117632.40 | 29117632.52 | 0.3709 | 0.1281 | |
| Mercury | 75021-11-18 15:36 | G | 29122239.04 | 29122239.15 | 29122239.27 | 0.3662 | 0.0830 | |
| Mercury | 75027-06-04 10:48 | G | 29124262.86 | 29124262.95 | 29124263.03 | 0.3663 | 0.2590 | |
| Mercury | 75060-04-29 22:48 | G | 29136281.34 | 29136281.45 | 29136281.57 | 0.3710 | 0.1489 | |
| Mercury | 75065-11-13 20:39 | G | 29138305.28 | 29138305.36 | 29138305.44 | 0.3709 | 0.2823 | |
| Mercury | 75072-12-09 19:12 | G | 29140888.23 | 29140888.30 | 29140888.37 | 0.3661 | 0.2891 | |
| Mercury | 75078-06-25 13:55 | G | 29142911.97 | 29142912.08 | 29142912.20 | 0.3662 | 0.0433 | |
| Mercury | 75116-12-05 22:05 | G | 29156954.29 | 29156954.42 | 29156954.54 | 0.3710 | 0.0141 | |
| Mercury | 75129-07-17 17:17 | G | 29161561.12 | 29161561.22 | 29161561.33 | 0.3661 | 0.1684 | |
| Mercury | 75135-01-31 12:15 | G | 29163584.90 | 29163585.01 | 29163585.11 | 0.3662 | 0.1654 | |
| Mercury | 75167-12-27 23:03 | G | 29175603.38 | 29175603.46 | 29175603.55 | 0.3711 | 0.2737 | |
| Mercury | 75173-07-12 20:53 | G | 29177627.26 | 29177627.37 | 29177627.49 | 0.3710 | 0.1648 | |
| Mercury | 75186-02-21 15:36 | G | 29182234.03 | 29182234.15 | 29182234.26 | 0.3661 | 0.0467 | |
| Mercury | 75191-09-07 10:34 | G | 29184257.87 | 29184257.94 | 29184258.01 | 0.3662 | 0.2925 | |
| Mercury | 75224-08-02 22:05 | G | 29196276.30 | 29196276.42 | 29196276.54 | 0.3711 | 0.1151 | |
| Mercury | 75230-02-16 20:10 | G | 29198300.27 | 29198300.34 | 29198300.40 | 0.3709 | 0.3183 | |
| Mercury | 75237-03-14 19:12 | G | 29200883.21 | 29200883.30 | 29200883.38 | 0.3660 | 0.2524 | |
| Mercury | 75242-09-28 13:55 | G | 29202906.96 | 29202907.08 | 29202907.19 | 0.3661 | 0.0780 | |
| Mercury | 75281-03-09 21:22 | G | 29216949.26 | 29216949.39 | 29216949.51 | 0.3710 | 0.0455 | |
| Mercury | 75293-10-19 17:17 | G | 29221556.11 | 29221556.22 | 29221556.33 | 0.3660 | 0.1313 | |
| Mercury | 75299-05-05 12:00 | G | 29223579.91 | 29223580.00 | 29223580.10 | 0.3662 | 0.2022 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 75332-03-31 22:19 G | 29235598.34 | 29235598.43 | 29235598.53 | 0.3711 | 0.2395 |
| Mercury | 75337-10-15 20:24 G | 29237622.25 | 29237622.35 | 29237622.45 | 0.3710 | 0.2023 |
| Mercury | 75344-11-10 20:53 G | 29240205.33 | 29240205.37 | 29240205.42 | 0.3659 | 0.3334 |
| Mercury | 75350-05-27 15:36 G | 29242229.03 | 29242229.15 | 29242229.26 | 0.3660 | 0.0143 |
| Mercury | 75355-12-11 10:19 G | 29244252.88 | 29244252.93 | 29244252.98 | 0.3662 | 0.3286 |
| Mercury | 75388-11-05 21:36 G | 29256271.27 | 29256271.40 | 29256271.52 | 0.3711 | 0.0789 |
| Mercury | 75394-05-22 19:27 G | 29258295.28 | 29258295.31 | 29258295.34 | 0.3710 | 0.3569 |
| Mercury | 75401-06-18 18:58 G | 29260878.20 | 29260878.29 | 29260878.39 | 0.3660 | 0.2152 |
| Mercury | 75407-01-02 13:41 G | 29262901.96 | 29262902.07 | 29262902.18 | 0.3661 | 0.1121 |
| Mercury | 75439-11-28 22:19 G | 29274920.42 | 29274920.43 | 29274920.44 | 0.3712 | 0.3686 |
| Mercury | 75445-06-13 20:39 G | 29276944.24 | 29276944.36 | 29276944.48 | 0.3711 | 0.0816 |
| Mercury | 75458-01-23 17:17 G | 29281551.10 | 29281551.22 | 29281551.33 | 0.3660 | 0.0976 |
| Mercury | 75463-08-09 12:00 G | 29283574.91 | 29283575.00 | 29283575.09 | 0.3661 | 0.2370 |
| Mercury | 75496-07-04 21:36 G | 29295593.29 | 29295593.40 | 29295593.50 | 0.3712 | 0.2063 |
| Mercury | 75502-01-19 19:41 G | 29297617.23 | 29297617.32 | 29297617.42 | 0.3711 | 0.2390 |
| Mercury | 75509-02-14 20:53 G | 29300200.30 | 29300200.37 | 29300200.43 | 0.3659 | 0.2985 |
| Mercury | 75514-08-31 15:22 G | 29302224.02 | 29302224.14 | 29302224.26 | 0.3660 | 0.0245 |
| Mercury | 75520-03-16 10:19 G | 29304247.91 | 29304247.93 | 29304247.94 | 0.3661 | 0.3626 |
| Mercury | 75553-02-09 20:39 G | 29316266.24 | 29316266.36 | 29316266.49 | 0.3712 | 0.0447 |
| Mercury | 75565-09-21 18:58 G | 29320873.19 | 29320873.29 | 29320873.39 | 0.3659 | 0.1799 |
| Mercury | 75571-04-07 13:41 G | 29322896.96 | 29322897.07 | 29322897.17 | 0.3660 | 0.1487 |
| Mercury | 75604-03-02 21:36 G | 29334915.35 | 29334915.40 | 29334915.45 | 0.3713 | 0.3371 |
| Mercury | 75609-09-16 19:55 G | 29336939.21 | 29336939.33 | 29336939.45 | 0.3711 | 0.1172 |
| Mercury | 75622-04-28 17:03 G | 29341546.10 | 29341546.21 | 29341546.33 | 0.3659 | 0.0616 |
| Mercury | 75627-11-12 12:00 G | 29343569.92 | 29343570.00 | 29343570.07 | 0.3661 | 0.2733 |
| Mercury | 75660-10-07 20:53 G | 29355588.25 | 29355588.37 | 29355588.48 | 0.3712 | 0.1714 |
| Mercury | 75666-04-23 18:58 G | 29357612.21 | 29357612.29 | 29357612.38 | 0.3711 | 0.2761 |
| Mercury | 75673-05-19 20:53 G | 29360195.29 | 29360195.37 | 29360195.45 | 0.3658 | 0.2607 |
| Mercury | 75678-12-03 15:22 G | 29362219.03 | 29362219.14 | 29362219.26 | 0.3660 | 0.0620 |
| Mercury | 75717-05-15 20:10 G | 29376261.21 | 29376261.34 | 29376261.46 | 0.3712 | 0.0142 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 75729-12-25 18:58 G | 29380868.18 | 29380868.29 | 29380868.40 | 0.3659 | 0.1431 |
| Mercury | 75735-07-11 13:41 G | 29382891.97 | 29382892.07 | 29382892.17 | 0.3660 | 0.1846 |
| Mercury | 75768-06-05 20:39 G | 29394910.29 | 29394910.36 | 29394910.44 | 0.3713 | 0.3023 |
| Mercury | 75773-12-20 19:12 G | 29396934.19 | 29396934.30 | 29396934.42 | 0.3712 | 0.1542 |
| Mercury | 75781-01-15 22:48 G | 29399517.41 | 29399517.45 | 29399517.48 | 0.3658 | 0.3422 |
| Mercury | 75786-08-01 17:03 G | 29401541.10 | 29401541.21 | 29401541.33 | 0.3659 | 0.0260 |
| Mercury | 75792-02-15 11:46 G | 29403564.93 | 29403564.99 | 29403565.05 | 0.3660 | 0.3056 |
| Mercury | 75825-01-11 19:55 G | 29415583.22 | 29415583.33 | 29415583.45 | 0.3713 | 0.1358 |
| Mercury | 75830-07-28 18:15 G | 29417607.20 | 29417607.26 | 29417607.33 | 0.3712 | 0.3114 |
| Mercury | 75837-08-23 20:53 G | 29420190.28 | 29420190.37 | 29420190.46 | 0.3658 | 0.2250 |
| Mercury | 75843-03-09 15:22 G | 29422214.03 | 29422214.14 | 29422214.25 | 0.3659 | 0.0972 |
| Mercury | 75881-08-18 19:12 G | 29436256.17 | 29436256.30 | 29436256.43 | 0.3713 | 0.0271 |
| Mercury | 75894-03-30 18:58 G | 29440863.18 | 29440863.29 | 29440863.40 | 0.3658 | 0.1067 |
| Mercury | 75899-10-14 13:27 G | 29442886.97 | 29442887.06 | 29442887.15 | 0.3659 | 0.2183 |
| Mercury | 75932-09-09 19:55 G | 29454905.24 | 29454905.33 | 29454905.41 | 0.3714 | 0.2694 |
| Mercury | 75938-03-26 18:29 G | 29456929.16 | 29456929.27 | 29456929.38 | 0.3712 | 0.1886 |
| Mercury | 75945-04-21 22:48 G | 29459512.39 | 29459512.45 | 29459512.51 | 0.3657 | 0.3043 |
| Mercury | 75950-11-05 17:03 G | 29461536.10 | 29461536.21 | 29461536.33 | 0.3658 | 0.0189 |
| Mercury | 75956-05-21 11:46 G | 29463559.95 | 29463559.99 | 29463560.03 | 0.3660 | 0.3411 |
| Mercury | 75989-04-16 19:12 G | 29475578.18 | 29475578.30 | 29475578.42 | 0.3713 | 0.1012 |
| Mercury | 75994-10-31 17:46 G | 29477602.20 | 29477602.24 | 29477602.28 | 0.3712 | 0.3482 |

77TH MILLENNIUM CE

This is a list of transits visible from Venus in the 77th millennium CE.

| | | | | | | | | |
|--------|------|---|-------|-----|-----|--------|-------|---|
| PLANET | MAX- | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|------|---|-------|-----|-----|--------|-------|---|

TRANSIT

TIME

| | | | | | | |
|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 76001-11-26 20:53 G | 29480185.27 | 29480185.37 | 29480185.47 | 0.3657 | 0.1875 |
| Mercury | 76007-06-12 15:22 G | 29482209.03 | 29482209.14 | 29482209.24 | 0.3659 | 0.1331 |
| Mercury | 76045-11-21 18:29 G | 29496251.15 | 29496251.27 | 29496251.40 | 0.3713 | 0.0634 |
| Mercury | 76058-07-03 18:58 G | 29500858.18 | 29500858.29 | 29500858.40 | 0.3658 | 0.0701 |
| Mercury | 76064-01-17 13:27 G | 29502881.98 | 29502882.06 | 29502882.14 | 0.3659 | 0.2523 |
| Mercury | 76096-12-12 19:12 G | 29514900.20 | 29514900.30 | 29514900.39 | 0.3714 | 0.2339 |
| Mercury | 76102-06-29 17:46 G | 29516924.14 | 29516924.24 | 29516924.34 | 0.3713 | 0.2248 |
| Mercury | 76109-07-25 22:48 G | 29519507.37 | 29519507.45 | 29519507.53 | 0.3657 | 0.2674 |
| Mercury | 76115-02-08 17:03 G | 29521531.10 | 29521531.21 | 29521531.32 | 0.3658 | 0.0469 |
| Mercury | 76153-07-20 18:15 G | 29535573.14 | 29535573.26 | 29535573.39 | 0.3714 | 0.0692 |
| Mercury | 76166-03-01 20:53 G | 29540180.27 | 29540180.37 | 29540180.47 | 0.3657 | 0.1526 |
| Mercury | 76171-09-15 15:08 G | 29542204.03 | 29542204.13 | 29542204.24 | 0.3658 | 0.1666 |
| Mercury | 76210-02-25 17:32 G | 29556246.11 | 29556246.23 | 29556246.36 | 0.3714 | 0.0975 |
| Mercury | 76217-03-24 00:44 G | 29558829.50 | 29558829.53 | 29558829.57 | 0.3656 | 0.3455 |
| Mercury | 76222-10-07 18:58 G | 29560853.18 | 29560853.29 | 29560853.40 | 0.3657 | 0.0353 |
| Mercury | 76228-04-22 13:27 G | 29562876.99 | 29562877.06 | 29562877.13 | 0.3658 | 0.2876 |
| Mercury | 76261-03-18 18:00 G | 29574895.15 | 29574895.25 | 29574895.36 | 0.3715 | 0.2033 |
| Mercury | 76266-10-02 16:48 G | 29576919.11 | 29576919.20 | 29576919.29 | 0.3713 | 0.2596 |
| Mercury | 76273-10-28 22:48 G | 29579502.36 | 29579502.45 | 29579502.54 | 0.3656 | 0.2312 |
| Mercury | 76279-05-14 17:03 G | 29581526.10 | 29581526.21 | 29581526.32 | 0.3657 | 0.0831 |
| Mercury | 76317-10-24 17:32 G | 29595568.10 | 29595568.23 | 29595568.36 | 0.3714 | 0.0333 |
| Mercury | 76330-06-05 20:53 G | 29600175.26 | 29600175.37 | 29600175.48 | 0.3656 | 0.1156 |
| Mercury | 76335-12-20 15:22 G | 29602199.04 | 29602199.14 | 29602199.23 | 0.3658 | 0.2028 |
| Mercury | 76368-11-14 17:46 G | 29614217.19 | 29614217.24 | 29614217.29 | 0.3716 | 0.3397 |
| Mercury | 76374-05-31 16:48 G | 29616241.08 | 29616241.20 | 29616241.32 | 0.3714 | 0.1330 |
| Mercury | 76381-06-27 00:58 G | 29618824.48 | 29618824.54 | 29618824.60 | 0.3656 | 0.3083 |
| Mercury | 76387-01-10 18:58 G | 29620848.18 | 29620848.29 | 29620848.41 | 0.3657 | 0.0039 |
| Mercury | 76392-07-26 13:27 G | 29622872.01 | 29622872.06 | 29622872.11 | 0.3658 | 0.3223 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 76425-06-21 17:17 G | 29634890.10 | 29634890.22 | 29634890.33 | 0.3715 | 0.1686 |
| Mercury | 76431-01-05 16:05 G | 29636914.10 | 29636914.17 | 29636914.25 | 0.3714 | 0.2966 |
| Mercury | 76438-01-31 22:48 G | 29639497.36 | 29639497.45 | 29639497.55 | 0.3656 | 0.1965 |
| Mercury | 76443-08-17 17:03 G | 29641521.10 | 29641521.21 | 29641521.32 | 0.3657 | 0.1182 |
| Mercury | 76482-01-26 16:34 G | 29655563.07 | 29655563.19 | 29655563.32 | 0.3715 | 0.0112 |
| Mercury | 76494-09-07 20:53 G | 29660170.26 | 29660170.37 | 29660170.48 | 0.3656 | 0.0813 |
| Mercury | 76500-03-24 15:08 G | 29662194.05 | 29662194.13 | 29662194.22 | 0.3657 | 0.2369 |
| Mercury | 76533-02-17 16:48 G | 29674212.13 | 29674212.20 | 29674212.27 | 0.3716 | 0.3093 |
| Mercury | 76538-09-03 15:51 G | 29676236.05 | 29676236.16 | 29676236.28 | 0.3715 | 0.1664 |
| Mercury | 76545-09-30 00:58 G | 29678819.47 | 29678819.54 | 29678819.61 | 0.3655 | 0.2736 |
| Mercury | 76551-04-15 18:58 G | 29680843.18 | 29680843.29 | 29680843.41 | 0.3656 | 0.0384 |
| Mercury | 76556-10-29 13:27 G | 29682867.04 | 29682867.06 | 29682867.08 | 0.3657 | 0.3566 |
| Mercury | 76589-09-24 16:20 G | 29694885.06 | 29694885.18 | 29694885.30 | 0.3716 | 0.1361 |
| Mercury | 76595-04-10 15:22 G | 29696909.08 | 29696909.14 | 29696909.19 | 0.3714 | 0.3310 |
| Mercury | 76602-05-07 23:03 G | 29699492.36 | 29699492.46 | 29699492.56 | 0.3655 | 0.1591 |
| Mercury | 76607-11-21 17:17 G | 29701516.11 | 29701516.22 | 29701516.32 | 0.3656 | 0.1544 |
| Mercury | 76646-05-02 15:51 G | 29715558.03 | 29715558.16 | 29715558.28 | 0.3715 | 0.0362 |
| Mercury | 76653-05-29 03:08 G | 29718141.60 | 29718141.63 | 29718141.66 | 0.3654 | 0.3490 |
| Mercury | 76658-12-12 21:08 G | 29720165.26 | 29720165.38 | 29720165.49 | 0.3656 | 0.0446 |
| Mercury | 76664-06-27 15:22 G | 29722189.06 | 29722189.14 | 29722189.21 | 0.3657 | 0.2719 |
| Mercury | 76697-05-23 15:51 G | 29734207.08 | 29734207.16 | 29734207.25 | 0.3717 | 0.2757 |
| Mercury | 76702-12-08 15:08 G | 29736231.02 | 29736231.13 | 29736231.24 | 0.3715 | 0.2023 |
| Mercury | 76710-01-04 00:58 G | 29738814.46 | 29738814.54 | 29738814.63 | 0.3655 | 0.2370 |
| Mercury | 76715-07-20 19:12 G | 29740838.19 | 29740838.30 | 29740838.41 | 0.3656 | 0.0721 |
| Mercury | 76753-12-29 15:22 G | 29754880.02 | 29754880.14 | 29754880.27 | 0.3716 | 0.1024 |
| Mercury | 76759-07-15 14:24 G | 29756904.08 | 29756904.10 | 29756904.12 | 0.3715 | 0.3656 |
| Mercury | 76766-08-10 23:03 G | 29759487.36 | 29759487.46 | 29759487.57 | 0.3655 | 0.1235 |
| Mercury | 76772-02-24 17:03 G | 29761511.12 | 29761511.21 | 29761511.31 | 0.3656 | 0.1867 |
| Mercury | 76810-08-05 14:53 G | 29775552.99 | 29775553.12 | 29775553.24 | 0.3716 | 0.0675 |
| Mercury | 76817-09-01 03:08 G | 29778136.58 | 29778136.63 | 29778136.69 | 0.3654 | 0.3131 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 76823-03-17 21:08 G | 29780160.27 | 29780160.38 | 29780160.49 | 0.3655 | 0.0094 |
| Mercury | 76828-09-30 15:22 G | 29782184.07 | 29782184.14 | 29782184.20 | 0.3656 | 0.3049 |
| Mercury | 76861-08-26 14:53 G | 29794202.02 | 29794202.12 | 29794202.22 | 0.3717 | 0.2456 |
| Mercury | 76867-03-12 14:10 G | 29796225.99 | 29796226.09 | 29796226.19 | 0.3716 | 0.2347 |
| Mercury | 76874-04-08 01:12 G | 29798809.46 | 29798809.55 | 29798809.64 | 0.3654 | 0.2002 |
| Mercury | 76879-10-22 19:12 G | 29800833.19 | 29800833.30 | 29800833.41 | 0.3655 | 0.1057 |
| Mercury | 76918-04-03 14:24 G | 29814874.97 | 29814875.10 | 29814875.23 | 0.3717 | 0.0721 |
| Mercury | 76930-11-13 23:17 G | 29819482.36 | 29819482.47 | 29819482.58 | 0.3654 | 0.0877 |
| Mercury | 76936-05-29 17:17 G | 29821506.13 | 29821506.22 | 29821506.31 | 0.3656 | 0.2221 |
| Mercury | 76974-11-08 13:56 G | 29835547.96 | 29835548.08 | 29835548.20 | 0.3717 | 0.1012 |
| Mercury | 76981-12-05 03:22 G | 29838131.57 | 29838131.64 | 29838131.71 | 0.3653 | 0.2754 |
| Mercury | 76987-06-20 21:08 G | 29840155.27 | 29840155.38 | 29840155.50 | 0.3655 | 0.0301 |
| Mercury | 76993-01-03 15:22 G | 29842179.10 | 29842179.14 | 29842179.18 | 0.3656 | 0.3397 |

78TH MILLENNIUM CE

This is a list of transits visible from Venus in the 78th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 77025-11-30 13:56 G | | 29854196.97 | 29854197.08 | 29854197.18 | 0.3718 | 0.2129 | |
| Mercury | 77031-06-16 13:27 G | | 29856220.97 | 29856221.06 | 29856221.14 | 0.3716 | 0.2703 | |
| Mercury | 77038-07-13 01:27 G | | 29858804.46 | 29858804.56 | 29858804.66 | 0.3654 | 0.1647 | |
| Mercury | 77044-01-26 19:12 G | | 29860828.20 | 29860828.30 | 29860828.41 | 0.3655 | 0.1397 | |
| Mercury | 77082-07-07 13:27 G | | 29874869.93 | 29874870.06 | 29874870.19 | 0.3718 | 0.0385 | |
| Mercury | 77089-08-03 05:32 G | | 29877453.70 | 29877453.73 | 29877453.76 | 0.3653 | 0.3502 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 77095-02-16 23:17 G | 29879477.36 | 29879477.47 | 29879477.58 | 0.3654 | 0.0538 |
| Mercury | 77100-09-02 17:17 G | 29881501.14 | 29881501.22 | 29881501.30 | 0.3655 | 0.2563 |
| Mercury | 77133-07-29 13:12 G | 29893519.02 | 29893519.05 | 29893519.08 | 0.3719 | 0.3617 |
| Mercury | 77139-02-12 12:58 G | 29895542.92 | 29895543.04 | 29895543.16 | 0.3717 | 0.1340 |
| Mercury | 77146-03-11 03:22 G | 29898126.56 | 29898126.64 | 29898126.73 | 0.3653 | 0.2413 |
| Mercury | 77151-09-24 21:22 G | 29900150.27 | 29900150.39 | 29900150.50 | 0.3654 | 0.0607 |
| Mercury | 77190-03-05 12:44 G | 29914191.92 | 29914192.03 | 29914192.15 | 0.3718 | 0.1836 |
| Mercury | 77195-09-19 12:15 G | 29916215.94 | 29916216.01 | 29916216.09 | 0.3717 | 0.3030 |
| Mercury | 77202-10-16 01:27 G | 29918799.45 | 29918799.56 | 29918799.66 | 0.3653 | 0.1301 |
| Mercury | 77208-04-30 19:27 G | 29920823.21 | 29920823.31 | 29920823.41 | 0.3654 | 0.1756 |
| Mercury | 77246-10-10 12:29 G | 29934864.89 | 29934865.02 | 29934865.15 | 0.3718 | 0.0125 |
| Mercury | 77253-11-06 05:46 G | 29937448.68 | 29937448.74 | 29937448.79 | 0.3652 | 0.3142 |
| Mercury | 77259-05-22 23:32 G | 29939472.36 | 29939472.48 | 29939472.59 | 0.3653 | 0.0229 |
| Mercury | 77264-12-05 17:32 G | 29941496.16 | 29941496.23 | 29941496.29 | 0.3655 | 0.2918 |
| Mercury | 77297-10-31 12:00 G | 29953513.95 | 29953514.00 | 29953514.06 | 0.3719 | 0.3312 |
| Mercury | 77303-05-18 12:00 G | 29955537.88 | 29955538.00 | 29955538.11 | 0.3718 | 0.1675 |
| Mercury | 77310-06-14 03:36 G | 29958121.56 | 29958121.65 | 29958121.74 | 0.3652 | 0.2047 |
| Mercury | 77315-12-28 21:22 G | 29960145.28 | 29960145.39 | 29960145.50 | 0.3654 | 0.0964 |
| Mercury | 77354-06-08 11:46 G | 29974186.87 | 29974186.99 | 29974187.11 | 0.3719 | 0.1500 |
| Mercury | 77359-12-23 11:32 G | 29976210.93 | 29976210.98 | 29976211.03 | 0.3717 | 0.3381 |
| Mercury | 77367-01-19 01:41 G | 29978794.46 | 29978794.57 | 29978794.67 | 0.3653 | 0.0958 |
| Mercury | 77372-08-03 19:27 G | 29980818.22 | 29980818.31 | 29980818.40 | 0.3654 | 0.2100 |
| Mercury | 77411-01-14 11:17 G | 29994859.84 | 29994859.97 | 29994860.10 | 0.3719 | 0.0290 |
| Mercury | 77418-02-10 05:46 G | 29997443.67 | 29997443.74 | 29997443.81 | 0.3652 | 0.2802 |
| Mercury | 77423-08-26 23:32 G | 29999467.37 | 29999467.48 | 29999467.59 | 0.3653 | 0.0170 |
| Mercury | 77429-03-11 17:32 G | 30001491.18 | 30001491.23 | 30001491.28 | 0.3654 | 0.3236 |
| Mercury | 77462-02-04 11:03 G | 30013508.88 | 30013508.96 | 30013509.04 | 0.3720 | 0.3000 |
| Mercury | 77467-08-21 10:48 G | 30015532.84 | 30015532.95 | 30015533.06 | 0.3718 | 0.1987 |
| Mercury | 77474-09-17 03:51 G | 30018116.56 | 30018116.66 | 30018116.76 | 0.3652 | 0.1706 |
| Mercury | 77480-04-01 21:36 G | 30020140.29 | 30020140.40 | 30020140.50 | 0.3653 | 0.1302 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 77518-09-12 10:34 G | 30034181.82 | 30034181.94 | 30034182.07 | 0.3719 | 0.1215 |
| Mercury | 77524-03-28 10:20 G | 30036205.92 | 30036205.93 | 30036205.95 | 0.3718 | 0.3687 |
| Mercury | 77525-10-09 08:10 G | 30036765.81 | 30036765.84 | 30036765.86 | 0.3651 | 0.3522 |
| Mercury | 77531-04-25 01:41 G | 30038789.46 | 30038789.57 | 30038789.68 | 0.3652 | 0.0599 |
| Mercury | 77536-11-07 19:27 G | 30040813.23 | 30040813.31 | 30040813.40 | 0.3653 | 0.2438 |
| Mercury | 77575-04-19 10:20 G | 30054854.80 | 30054854.93 | 30054855.06 | 0.3719 | 0.0568 |
| Mercury | 77582-05-16 06:00 G | 30057438.67 | 30057438.75 | 30057438.83 | 0.3651 | 0.2438 |
| Mercury | 77587-11-29 23:46 G | 30059462.38 | 30059462.49 | 30059462.60 | 0.3652 | 0.0530 |
| Mercury | 77593-06-14 17:32 G | 30061486.21 | 30061486.23 | 30061486.25 | 0.3654 | 0.3580 |
| Mercury | 77626-05-10 09:51 G | 30073503.82 | 30073503.91 | 30073504.00 | 0.3720 | 0.2701 |
| Mercury | 77631-11-24 09:51 G | 30075527.81 | 30075527.91 | 30075528.01 | 0.3719 | 0.2317 |
| Mercury | 77638-12-21 04:05 G | 30078111.56 | 30078111.67 | 30078111.77 | 0.3652 | 0.1346 |
| Mercury | 77644-07-05 21:36 G | 30080135.30 | 30080135.40 | 30080135.50 | 0.3653 | 0.1655 |
| Mercury | 77682-12-15 09:36 G | 30094176.77 | 30094176.90 | 30094177.03 | 0.3720 | 0.0892 |
| Mercury | 77690-01-11 08:24 G | 30096760.79 | 30096760.85 | 30096760.90 | 0.3651 | 0.3161 |
| Mercury | 77695-07-28 01:56 G | 30098784.47 | 30098784.58 | 30098784.69 | 0.3652 | 0.0242 |
| Mercury | 77701-02-10 19:41 G | 30100808.25 | 30100808.32 | 30100808.39 | 0.3653 | 0.2763 |
| Mercury | 77739-07-23 09:08 G | 30114849.76 | 30114849.88 | 30114850.01 | 0.3720 | 0.0880 |
| Mercury | 77746-08-19 06:15 G | 30117433.67 | 30117433.76 | 30117433.85 | 0.3651 | 0.2083 |
| Mercury | 77752-03-03 23:46 G | 30119457.38 | 30119457.49 | 30119457.60 | 0.3652 | 0.0860 |
| Mercury | 77790-08-13 08:39 G | 30133498.76 | 30133498.86 | 30133498.96 | 0.3721 | 0.2431 |
| Mercury | 77796-02-27 08:53 G | 30135522.78 | 30135522.87 | 30135522.96 | 0.3719 | 0.2632 |
| Mercury | 77803-03-27 04:05 G | 30138106.57 | 30138106.67 | 30138106.78 | 0.3651 | 0.1005 |
| Mercury | 77808-10-09 21:51 G | 30140130.31 | 30140130.41 | 30140130.50 | 0.3652 | 0.1973 |
| Mercury | 77847-03-21 08:24 G | 30154171.72 | 30154171.85 | 30154171.98 | 0.3720 | 0.0612 |
| Mercury | 77854-04-17 08:39 G | 30156755.79 | 30156755.86 | 30156755.93 | 0.3650 | 0.2804 |
| Mercury | 77859-11-01 02:10 G | 30158779.47 | 30158779.59 | 30158779.70 | 0.3651 | 0.0133 |
| Mercury | 77865-05-16 19:41 G | 30160803.27 | 30160803.32 | 30160803.38 | 0.3652 | 0.3109 |
| Mercury | 77903-10-27 08:10 G | 30174844.71 | 30174844.84 | 30174844.96 | 0.3720 | 0.1187 |
| Mercury | 77910-11-23 06:29 G | 30177428.67 | 30177428.77 | 30177428.87 | 0.3650 | 0.1728 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 77916-06-08 00:00 G | 30179452.40 | 30179452.50 | 30179452.61 | 0.3651 | 0.1204 |
| Mercury | 77954-11-17 07:27 G | 30193493.71 | 30193493.81 | 30193493.92 | 0.3721 | 0.2129 |
| Mercury | 77960-06-02 07:41 G | 30195517.75 | 30195517.82 | 30195517.90 | 0.3720 | 0.2967 |
| Mercury | 77961-12-14 11:03 G | 30196077.93 | 30196077.96 | 30196077.98 | 0.3650 | 0.3509 |
| Mercury | 77967-06-30 04:20 G | 30198101.57 | 30198101.68 | 30198101.79 | 0.3651 | 0.0650 |
| Mercury | 77973-01-12 22:05 G | 30200125.33 | 30200125.42 | 30200125.50 | 0.3652 | 0.2323 |

79TH MILLENNIUM CE

This is a list of transits visible from Venus in the 79th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 78011-06-24 07:12 G | | 30214166.67 | 30214166.80 | 30214166.93 | 0.3721 | 0.0306 | |
| Mercury | 78018-07-21 08:53 G | | 30216750.79 | 30216750.87 | 30216750.95 | 0.3650 | 0.2448 | |
| Mercury | 78024-02-04 02:10 G | | 30218774.48 | 30218774.59 | 30218774.71 | 0.3651 | 0.0456 | |
| Mercury | 78029-08-19 19:56 G | | 30220798.30 | 30220798.33 | 30220798.37 | 0.3652 | 0.3441 | |
| Mercury | 78062-07-15 06:29 G | | 30232815.76 | 30232815.77 | 30232815.77 | 0.3722 | 0.3712 | |
| Mercury | 78068-01-29 06:58 G | | 30234839.67 | 30234839.79 | 30234839.91 | 0.3721 | 0.1507 | |
| Mercury | 78075-02-25 06:44 G | | 30237423.67 | 30237423.78 | 30237423.88 | 0.3650 | 0.1397 | |
| Mercury | 78080-09-10 00:15 G | | 30239447.41 | 30239447.51 | 30239447.61 | 0.3651 | 0.1542 | |
| Mercury | 78119-02-20 06:15 G | | 30253488.65 | 30253488.76 | 30253488.88 | 0.3722 | 0.1843 | |
| Mercury | 78124-09-05 06:44 G | | 30255512.72 | 30255512.78 | 30255512.84 | 0.3720 | 0.3265 | |
| Mercury | 78126-03-19 11:17 G | | 30256072.91 | 30256072.97 | 30256073.02 | 0.3649 | 0.3173 | |
| Mercury | 78131-10-03 04:34 G | | 30258096.58 | 30258096.69 | 30258096.80 | 0.3650 | 0.0311 | |
| Mercury | 78137-04-17 22:05 G | | 30260120.35 | 30260120.42 | 30260120.50 | 0.3651 | 0.2655 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 78175-09-27 06:00 G | 30274161.62 | 30274161.75 | 30274161.88 | 0.3722 | 0.0019 |
| Mercury | 78182-10-24 09:08 G | 30276745.79 | 30276745.88 | 30276745.97 | 0.3649 | 0.2116 |
| Mercury | 78188-05-09 02:24 G | 30278769.49 | 30278769.60 | 30278769.71 | 0.3650 | 0.0793 |
| Mercury | 78226-10-19 05:03 G | 30292810.67 | 30292810.71 | 30292810.76 | 0.3723 | 0.3443 |
| Mercury | 78232-05-04 05:46 G | 30294834.63 | 30294834.74 | 30294834.86 | 0.3721 | 0.1806 |
| Mercury | 78239-06-01 06:58 G | 30297418.68 | 30297418.79 | 30297418.90 | 0.3649 | 0.1037 |
| Mercury | 78244-12-15 00:29 G | 30299442.42 | 30299442.52 | 30299442.61 | 0.3650 | 0.1891 |
| Mercury | 78283-05-26 05:03 G | 30313483.59 | 30313483.71 | 30313483.83 | 0.3722 | 0.1557 |
| Mercury | 78288-12-09 05:32 G | 30315507.70 | 30315507.73 | 30315507.76 | 0.3721 | 0.3588 |
| Mercury | 78290-06-22 11:32 G | 30316067.91 | 30316067.98 | 30316068.05 | 0.3648 | 0.2814 |
| Mercury | 78296-01-06 04:48 G | 30318091.59 | 30318091.70 | 30318091.81 | 0.3650 | 0.0050 |
| Mercury | 78301-07-22 22:20 G | 30320115.37 | 30320115.43 | 30320115.49 | 0.3651 | 0.2994 |
| Mercury | 78340-01-01 04:48 G | 30334156.57 | 30334156.70 | 30334156.84 | 0.3722 | 0.0310 |
| Mercury | 78347-01-28 09:22 G | 30336740.79 | 30336740.89 | 30336740.98 | 0.3649 | 0.1760 |
| Mercury | 78352-08-13 02:39 G | 30338764.51 | 30338764.61 | 30338764.72 | 0.3650 | 0.1133 |
| Mercury | 78391-01-22 03:51 G | 30352805.59 | 30352805.66 | 30352805.73 | 0.3723 | 0.3160 |
| Mercury | 78396-08-07 04:34 G | 30354829.58 | 30354829.69 | 30354829.80 | 0.3722 | 0.2096 |
| Mercury | 78398-02-18 13:56 G | 30355390.05 | 30355390.08 | 30355390.10 | 0.3648 | 0.3521 |
| Mercury | 78403-09-04 07:12 G | 30357413.69 | 30357413.80 | 30357413.91 | 0.3649 | 0.0697 |
| Mercury | 78409-03-20 00:29 G | 30359437.43 | 30359437.52 | 30359437.61 | 0.3650 | 0.2207 |
| Mercury | 78447-08-29 03:36 G | 30373478.53 | 30373478.65 | 30373478.78 | 0.3723 | 0.1302 |
| Mercury | 78454-09-25 11:46 G | 30376062.91 | 30376062.99 | 30376063.07 | 0.3648 | 0.2473 |
| Mercury | 78460-04-10 05:03 G | 30378086.60 | 30378086.71 | 30378086.82 | 0.3649 | 0.0378 |
| Mercury | 78465-10-24 22:34 G | 30380110.39 | 30380110.44 | 30380110.48 | 0.3650 | 0.3313 |
| Mercury | 78504-04-05 03:36 G | 30394151.52 | 30394151.65 | 30394151.78 | 0.3723 | 0.0565 |
| Mercury | 78511-05-03 09:36 G | 30396735.80 | 30396735.90 | 30396736.00 | 0.3648 | 0.1409 |
| Mercury | 78516-11-16 02:53 G | 30398759.52 | 30398759.62 | 30398759.72 | 0.3649 | 0.1459 |
| Mercury | 78555-04-27 02:24 G | 30412800.52 | 30412800.60 | 30412800.69 | 0.3724 | 0.2917 |
| Mercury | 78560-11-10 03:22 G | 30414824.54 | 30414824.64 | 30414824.74 | 0.3722 | 0.2396 |
| Mercury | 78562-05-24 14:10 G | 30415385.04 | 30415385.09 | 30415385.14 | 0.3647 | 0.3165 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 78567-12-08 07:27 G | 30417408.70 | 30417408.81 | 30417408.92 | 0.3648 | 0.0345 |
| Mercury | 78573-06-23 00:44 G | 30419432.46 | 30419432.53 | 30419432.61 | 0.3649 | 0.2553 |
| Mercury | 78611-12-03 02:24 G | 30433473.47 | 30433473.60 | 30433473.73 | 0.3723 | 0.1005 |
| Mercury | 78618-12-30 12:00 G | 30436057.91 | 30436058.00 | 30436058.09 | 0.3648 | 0.2113 |
| Mercury | 78624-07-15 05:17 G | 30438081.61 | 30438081.72 | 30438081.83 | 0.3649 | 0.0724 |
| Mercury | 78630-01-28 22:48 G | 30440105.45 | 30440105.45 | 30440105.45 | 0.3650 | 0.3649 |
| Mercury | 78668-07-09 02:24 G | 30454146.47 | 30454146.60 | 30454146.73 | 0.3723 | 0.0865 |
| Mercury | 78675-08-06 09:51 G | 30456730.81 | 30456730.91 | 30456731.02 | 0.3648 | 0.1065 |
| Mercury | 78681-02-19 03:08 G | 30458754.53 | 30458754.63 | 30458754.73 | 0.3649 | 0.1783 |
| Mercury | 78719-08-01 01:12 G | 30472795.45 | 30472795.55 | 30472795.64 | 0.3724 | 0.2649 |
| Mercury | 78725-02-14 02:10 G | 30474819.50 | 30474819.59 | 30474819.68 | 0.3723 | 0.2705 |
| Mercury | 78726-08-28 14:39 G | 30475380.04 | 30475380.11 | 30475380.17 | 0.3647 | 0.2816 |
| Mercury | 78732-03-13 07:41 G | 30477403.71 | 30477403.82 | 30477403.93 | 0.3648 | 0.0044 |
| Mercury | 78737-09-27 00:58 G | 30479427.48 | 30479427.54 | 30479427.61 | 0.3649 | 0.2878 |
| Mercury | 78776-03-07 01:12 G | 30493468.42 | 30493468.55 | 30493468.68 | 0.3724 | 0.0745 |
| Mercury | 78783-04-04 12:15 G | 30496052.92 | 30496053.01 | 30496053.11 | 0.3647 | 0.1781 |
| Mercury | 78788-10-18 05:32 G | 30498076.62 | 30498076.73 | 30498076.84 | 0.3648 | 0.1042 |
| Mercury | 78832-10-12 00:58 G | 30514141.41 | 30514141.54 | 30514141.67 | 0.3724 | 0.1135 |
| Mercury | 78834-04-25 17:03 G | 30514702.18 | 30514702.21 | 30514702.24 | 0.3646 | 0.3496 |
| Mercury | 78839-11-09 10:05 G | 30516725.81 | 30516725.92 | 30516726.03 | 0.3647 | 0.0736 |
| Mercury | 78845-05-25 03:22 G | 30518749.55 | 30518749.64 | 30518749.73 | 0.3648 | 0.2127 |
| Mercury | 78883-11-02 23:46 G | 30532790.39 | 30532790.49 | 30532790.59 | 0.3725 | 0.2388 |
| Mercury | 78889-05-19 00:58 G | 30534814.46 | 30534814.54 | 30534814.62 | 0.3723 | 0.2986 |
| Mercury | 78890-11-30 14:53 G | 30535375.04 | 30535375.12 | 30535375.20 | 0.3646 | 0.2464 |
| Mercury | 78896-06-15 07:56 G | 30537398.72 | 30537398.83 | 30537398.94 | 0.3647 | 0.0322 |
| Mercury | 78901-12-31 01:12 G | 30539422.50 | 30539422.55 | 30539422.60 | 0.3649 | 0.3218 |
| Mercury | 78940-06-09 23:46 G | 30553463.36 | 30553463.49 | 30553463.62 | 0.3725 | 0.0461 |
| Mercury | 78947-07-08 12:44 G | 30556047.93 | 30556048.03 | 30556048.13 | 0.3647 | 0.1435 |
| Mercury | 78953-01-21 05:46 G | 30558071.64 | 30558071.74 | 30558071.84 | 0.3648 | 0.1388 |
| Mercury | 78997-01-14 23:46 G | 30574136.37 | 30574136.49 | 30574136.61 | 0.3724 | 0.1431 |

Mercury 78998-07-29 17:32 G 30574697.17 30574697.23 30574697.28 0.3646 0.3145

80TH MILLENNIUM CE

This is a list of transits visible from Venus in the 80th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 79004-02-13 10:20 | G | 30576720.82 | 30576720.93 | 30576721.04 | 0.3647 | 0.0413 | |
| Mercury | 79009-08-29 03:36 | G | 30578744.57 | 30578744.65 | 30578744.73 | 0.3648 | 0.2461 | |
| Mercury | 79048-02-06 22:20 | G | 30592785.32 | 30592785.43 | 30592785.54 | 0.3725 | 0.2126 | |
| Mercury | 79053-08-22 23:32 | G | 30594809.42 | 30594809.48 | 30594809.54 | 0.3724 | 0.3256 | |
| Mercury | 79055-03-06 15:08 | G | 30595370.04 | 30595370.13 | 30595370.22 | 0.3646 | 0.2139 | |
| Mercury | 79060-09-19 08:10 | G | 30597393.73 | 30597393.84 | 30597393.95 | 0.3647 | 0.0656 | |
| Mercury | 79066-04-05 01:27 | G | 30599417.54 | 30599417.56 | 30599417.59 | 0.3648 | 0.3527 | |
| Mercury | 79104-09-13 22:20 | G | 30613458.30 | 30613458.43 | 30613458.57 | 0.3725 | 0.0217 | |
| Mercury | 79111-10-12 12:58 | G | 30616042.93 | 30616043.04 | 30616043.14 | 0.3646 | 0.1107 | |
| Mercury | 79117-04-27 06:00 | G | 30618066.66 | 30618066.75 | 30618066.85 | 0.3647 | 0.1722 | |
| Mercury | 79161-04-20 22:20 | G | 30634131.31 | 30634131.43 | 30634131.55 | 0.3725 | 0.1673 | |
| Mercury | 79162-11-02 17:46 | G | 30634692.17 | 30634692.24 | 30634692.31 | 0.3645 | 0.2816 | |
| Mercury | 79168-05-18 10:48 | G | 30636715.84 | 30636715.95 | 30636716.06 | 0.3646 | 0.0121 | |
| Mercury | 79173-12-02 03:51 | G | 30638739.59 | 30638739.66 | 30638739.73 | 0.3647 | 0.2787 | |
| Mercury | 79212-05-11 20:53 | G | 30652780.25 | 30652780.37 | 30652780.49 | 0.3726 | 0.1886 | |
| Mercury | 79217-11-25 22:20 | G | 30654804.39 | 30654804.43 | 30654804.47 | 0.3725 | 0.3553 | |
| Mercury | 79219-06-09 15:22 | G | 30655365.05 | 30655365.14 | 30655365.24 | 0.3645 | 0.1798 | |
| Mercury | 79224-12-23 08:39 | G | 30657388.75 | 30657388.86 | 30657388.96 | 0.3647 | 0.1003 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 79268-12-16 20:53 G | 30673453.24 | 30673453.37 | 30673453.51 | 0.3726 | 0.0127 |
| Mercury | 79270-06-30 20:24 G | 30674014.32 | 30674014.35 | 30674014.38 | 0.3645 | 0.3477 |
| Mercury | 79276-01-14 13:12 G | 30676037.94 | 30676038.05 | 30676038.16 | 0.3646 | 0.0762 |
| Mercury | 79281-07-30 06:29 G | 30678061.68 | 30678061.77 | 30678061.86 | 0.3647 | 0.2058 |
| Mercury | 79320-01-08 19:27 G | 30692102.28 | 30692102.31 | 30692102.34 | 0.3727 | 0.3614 |
| Mercury | 79325-07-24 20:53 G | 30694126.26 | 30694126.37 | 30694126.49 | 0.3726 | 0.1961 |
| Mercury | 79327-02-05 18:00 G | 30694687.17 | 30694687.25 | 30694687.33 | 0.3645 | 0.2473 |
| Mercury | 79332-08-21 11:03 G | 30696710.85 | 30696710.96 | 30696711.07 | 0.3646 | 0.0281 |
| Mercury | 79338-03-07 04:05 G | 30698734.62 | 30698734.67 | 30698734.73 | 0.3647 | 0.3098 |
| Mercury | 79376-08-14 19:27 G | 30712775.19 | 30712775.31 | 30712775.43 | 0.3727 | 0.1652 |
| Mercury | 79383-09-12 15:51 G | 30715360.06 | 30715360.16 | 30715360.26 | 0.3645 | 0.1454 |
| Mercury | 79389-03-28 08:53 G | 30717383.76 | 30717383.87 | 30717383.97 | 0.3646 | 0.1316 |
| Mercury | 79433-03-22 19:27 G | 30733448.18 | 30733448.31 | 30733448.45 | 0.3726 | 0.0297 |
| Mercury | 79434-10-04 20:39 G | 30734009.31 | 30734009.36 | 30734009.41 | 0.3644 | 0.3145 |
| Mercury | 79440-04-19 13:41 G | 30736032.96 | 30736033.07 | 30736033.17 | 0.3645 | 0.0456 |
| Mercury | 79445-11-03 06:44 G | 30738056.69 | 30738056.78 | 30738056.86 | 0.3646 | 0.2366 |
| Mercury | 79484-04-12 17:46 G | 30752097.19 | 30752097.24 | 30752097.29 | 0.3727 | 0.3410 |
| Mercury | 79489-10-27 19:27 G | 30754121.21 | 30754121.31 | 30754121.42 | 0.3726 | 0.2228 |
| Mercury | 79491-05-11 18:29 G | 30754682.18 | 30754682.27 | 30754682.36 | 0.3644 | 0.2130 |
| Mercury | 79496-11-24 11:17 G | 30756705.86 | 30756705.97 | 30756706.08 | 0.3645 | 0.0619 |
| Mercury | 79502-06-11 04:34 G | 30758729.65 | 30758729.69 | 30758729.72 | 0.3646 | 0.3429 |
| Mercury | 79540-11-18 18:00 G | 30772770.12 | 30772770.25 | 30772770.37 | 0.3727 | 0.1418 |
| Mercury | 79547-12-17 16:05 G | 30775355.07 | 30775355.17 | 30775355.28 | 0.3644 | 0.1120 |
| Mercury | 79553-07-02 09:08 G | 30777378.78 | 30777378.88 | 30777378.98 | 0.3645 | 0.1647 |
| Mercury | 79597-06-25 18:00 G | 30793443.12 | 30793443.25 | 30793443.39 | 0.3727 | 0.0576 |
| Mercury | 79599-01-07 21:08 G | 30794004.31 | 30794004.38 | 30794004.45 | 0.3644 | 0.2796 |
| Mercury | 79604-07-23 13:56 G | 30796027.97 | 30796028.08 | 30796028.19 | 0.3645 | 0.0099 |
| Mercury | 79610-02-06 06:58 G | 30798051.72 | 30798051.79 | 30798051.86 | 0.3646 | 0.2694 |
| Mercury | 79648-07-16 16:20 G | 30812092.11 | 30812092.18 | 30812092.24 | 0.3728 | 0.3173 |
| Mercury | 79654-01-30 18:15 G | 30814116.16 | 30814116.26 | 30814116.36 | 0.3727 | 0.2501 |

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|---------|-------------|-------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 79655-08-14 | 18:44 | G | 30814677.19 | 30814677.28 | 30814677.38 | 0.3644 | 0.1795 |
| Mercury | 79661-02-27 | 11:46 | G | 30816700.88 | 30816700.99 | 30816701.09 | 0.3645 | 0.0938 |
| Mercury | 79705-02-21 | 16:20 | G | 30832765.05 | 30832765.18 | 30832765.31 | 0.3728 | 0.1168 |
| Mercury | 79706-09-05 | 23:46 | G | 30833326.46 | 30833326.49 | 30833326.52 | 0.3643 | 0.3459 |
| Mercury | 79712-03-21 | 16:34 | G | 30835350.08 | 30835350.19 | 30835350.29 | 0.3644 | 0.0801 |
| Mercury | 79717-10-05 | 09:22 | G | 30837373.80 | 30837373.89 | 30837373.99 | 0.3645 | 0.1970 |
| Mercury | 79761-09-28 | 16:34 | G | 30853438.06 | 30853438.19 | 30853438.32 | 0.3727 | 0.0799 |
| Mercury | 79763-04-12 | 21:22 | G | 30853999.31 | 30853999.39 | 30853999.47 | 0.3643 | 0.2471 |
| Mercury | 79768-10-26 | 14:10 | G | 30856022.98 | 30856023.09 | 30856023.20 | 0.3644 | 0.0257 |
| Mercury | 79774-05-12 | 07:12 | G | 30858046.74 | 30858046.80 | 30858046.86 | 0.3645 | 0.3016 |
| Mercury | 79812-10-20 | 14:39 | G | 30872087.02 | 30872087.11 | 30872087.19 | 0.3728 | 0.2969 |
| Mercury | 79818-05-06 | 16:34 | G | 30874111.10 | 30874111.19 | 30874111.28 | 0.3727 | 0.2731 |
| Mercury | 79819-11-18 | 19:12 | G | 30874672.20 | 30874672.30 | 30874672.40 | 0.3643 | 0.1471 |
| Mercury | 79825-06-03 | 12:00 | G | 30876695.90 | 30876696.00 | 30876696.10 | 0.3644 | 0.1261 |
| Mercury | 79869-05-27 | 14:53 | G | 30892759.99 | 30892760.12 | 30892760.25 | 0.3728 | 0.0933 |
| Mercury | 79870-12-10 | 00:15 | G | 30893321.45 | 30893321.51 | 30893321.56 | 0.3643 | 0.3121 |
| Mercury | 79876-06-24 | 16:48 | G | 30895345.10 | 30895345.20 | 30895345.31 | 0.3644 | 0.0471 |
| Mercury | 79882-01-08 | 09:51 | G | 30897368.83 | 30897368.91 | 30897368.99 | 0.3645 | 0.2301 |
| Mercury | 79926-01-02 | 15:08 | G | 30913433.00 | 30913433.13 | 30913433.26 | 0.3728 | 0.1055 |
| Mercury | 79927-07-17 | 21:51 | G | 30913994.32 | 30913994.41 | 30913994.50 | 0.3643 | 0.2130 |
| Mercury | 79933-01-30 | 14:39 | G | 30916018.00 | 30916018.11 | 30916018.22 | 0.3644 | 0.0564 |
| Mercury | 79938-08-16 | 07:41 | G | 30918041.78 | 30918041.82 | 30918041.86 | 0.3645 | 0.3340 |
| Mercury | 79977-01-23 | 12:58 | G | 30932081.95 | 30932082.04 | 30932082.13 | 0.3729 | 0.2728 |
| Mercury | 79982-08-09 | 15:08 | G | 30934106.05 | 30934106.13 | 30934106.21 | 0.3728 | 0.2996 |
| Mercury | 79984-02-21 | 19:27 | G | 30934667.21 | 30934667.31 | 30934667.42 | 0.3643 | 0.1144 |
| Mercury | 79989-09-06 | 12:29 | G | 30936690.92 | 30936691.02 | 30936691.11 | 0.3644 | 0.1591 |

81ST MILLENNIUM CE

This is a list of transits visible from Venus in the 81st millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 80033-08-30 13:12 | G | 30952754.92 | 30952755.05 | 30952755.18 | 0.3729 | 0.0725 | |
| Mercury | 80035-03-15 00:29 | G | 30953316.45 | 30953316.52 | 30953316.59 | 0.3642 | 0.2800 | |
| Mercury | 80040-09-27 17:17 | G | 30955340.11 | 30955340.22 | 30955340.33 | 0.3643 | 0.0136 | |
| Mercury | 80046-04-13 10:05 | G | 30957363.85 | 30957363.92 | 30957364.00 | 0.3644 | 0.2604 | |
| Mercury | 80090-04-06 13:27 | G | 30973427.93 | 30973428.06 | 30973428.19 | 0.3729 | 0.1271 | |
| Mercury | 80091-10-19 22:20 | G | 30973989.33 | 30973989.43 | 30973989.52 | 0.3642 | 0.1813 | |
| Mercury | 80097-05-04 15:08 | G | 30976013.02 | 30976013.13 | 30976013.23 | 0.3643 | 0.0899 | |
| Mercury | 80141-04-28 11:17 | G | 30992076.87 | 30992076.97 | 30992077.07 | 0.3729 | 0.2547 | |
| Mercury | 80142-11-11 03:22 | G | 30992638.60 | 30992638.64 | 30992638.67 | 0.3642 | 0.3445 | |
| Mercury | 80146-11-12 13:41 | G | 30994101.00 | 30994101.07 | 30994101.13 | 0.3728 | 0.3234 | |
| Mercury | 80148-05-26 19:56 | G | 30994662.23 | 30994662.33 | 30994662.44 | 0.3643 | 0.0802 | |
| Mercury | 80153-12-10 12:44 | G | 30996685.94 | 30996686.03 | 30996686.12 | 0.3643 | 0.1906 | |
| Mercury | 80197-12-03 11:32 | G | 31012749.85 | 31012749.98 | 31012750.12 | 0.3729 | 0.0508 | |
| Mercury | 80199-06-18 00:58 | G | 31013311.46 | 31013311.54 | 31013311.62 | 0.3642 | 0.2462 | |
| Mercury | 80205-01-01 17:46 | G | 31015335.13 | 31015335.24 | 31015335.35 | 0.3643 | 0.0232 | |
| Mercury | 80210-07-18 10:34 | G | 31017358.87 | 31017358.94 | 31017359.00 | 0.3644 | 0.2934 | |
| Mercury | 80254-07-11 12:00 | G | 31033422.87 | 31033423.00 | 31033423.12 | 0.3729 | 0.1524 | |
| Mercury | 80256-01-23 22:34 | G | 31033984.35 | 31033984.44 | 31033984.54 | 0.3642 | 0.1474 | |
| Mercury | 80261-08-08 15:22 | G | 31036008.04 | 31036008.14 | 31036008.24 | 0.3643 | 0.1215 | |
| Mercury | 80305-08-02 09:36 | G | 31052071.79 | 31052071.90 | 31052072.01 | 0.3730 | 0.2334 | |
| Mercury | 80307-02-15 03:36 | G | 31052633.60 | 31052633.65 | 31052633.71 | 0.3641 | 0.3113 | |
| Mercury | 80311-02-16 12:15 | G | 31054095.96 | 31054096.01 | 31054096.05 | 0.3729 | 0.3492 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 80312-08-30 20:24 G | 31054657.24 | 31054657.35 | 31054657.46 | 0.3642 | 0.0477 |
| Mercury | 80318-03-16 12:58 G | 31056680.96 | 31056681.04 | 31056681.13 | 0.3643 | 0.2217 |
| Mercury | 80362-03-09 10:05 G | 31072744.78 | 31072744.92 | 31072745.05 | 0.3730 | 0.0290 |
| Mercury | 80363-09-22 01:27 G | 31073306.47 | 31073306.56 | 31073306.65 | 0.3642 | 0.2130 |
| Mercury | 80369-04-06 18:00 G | 31075330.14 | 31075330.25 | 31075330.36 | 0.3642 | 0.0512 |
| Mercury | 80374-10-21 10:48 G | 31077353.90 | 31077353.95 | 31077354.00 | 0.3643 | 0.3242 |
| Mercury | 80418-10-14 10:20 G | 31093417.81 | 31093417.93 | 31093418.05 | 0.3729 | 0.1727 |
| Mercury | 80420-04-27 23:03 G | 31093979.36 | 31093979.46 | 31093979.56 | 0.3641 | 0.1147 |
| Mercury | 80425-11-11 15:51 G | 31096003.06 | 31096003.16 | 31096003.25 | 0.3642 | 0.1525 |
| Mercury | 80469-11-04 07:56 G | 31112066.72 | 31112066.83 | 31112066.94 | 0.3730 | 0.2144 |
| Mercury | 80471-05-20 04:05 G | 31112628.61 | 31112628.67 | 31112628.74 | 0.3641 | 0.2778 |
| Mercury | 80475-05-21 10:34 G | 31114090.93 | 31114090.94 | 31114090.95 | 0.3729 | 0.3713 |
| Mercury | 80476-12-02 20:39 G | 31114652.26 | 31114652.36 | 31114652.47 | 0.3641 | 0.0222 |
| Mercury | 80482-06-18 13:27 G | 31116675.99 | 31116676.06 | 31116676.14 | 0.3643 | 0.2540 |
| Mercury | 80526-06-12 08:24 G | 31132739.71 | 31132739.85 | 31132739.98 | 0.3730 | 0.0129 |
| Mercury | 80527-12-26 01:56 G | 31133301.48 | 31133301.58 | 31133301.67 | 0.3641 | 0.1797 |
| Mercury | 80533-07-10 18:29 G | 31135325.16 | 31135325.27 | 31135325.37 | 0.3642 | 0.0841 |
| Mercury | 80539-01-24 11:17 G | 31137348.95 | 31137348.97 | 31137348.99 | 0.3643 | 0.3566 |
| Mercury | 80579-01-16 06:58 G | 31151950.76 | 31151950.79 | 31151950.83 | 0.3640 | 0.3410 |
| Mercury | 80583-01-17 08:39 G | 31153412.74 | 31153412.86 | 31153412.98 | 0.3730 | 0.1965 |
| Mercury | 80584-07-31 23:32 G | 31153974.37 | 31153974.48 | 31153974.59 | 0.3641 | 0.0816 |
| Mercury | 80590-02-14 16:05 G | 31155998.08 | 31155998.17 | 31155998.27 | 0.3642 | 0.1846 |
| Mercury | 80634-02-08 06:15 G | 31172061.64 | 31172061.76 | 31172061.88 | 0.3731 | 0.1932 |
| Mercury | 80635-08-24 04:34 G | 31172623.62 | 31172623.69 | 31172623.77 | 0.3640 | 0.2444 |
| Mercury | 80641-03-08 21:08 G | 31174647.27 | 31174647.38 | 31174647.49 | 0.3641 | 0.0164 |
| Mercury | 80646-09-22 13:56 G | 31176671.01 | 31176671.08 | 31176671.14 | 0.3642 | 0.2856 |
| Mercury | 80690-09-15 06:29 G | 31192734.63 | 31192734.77 | 31192734.91 | 0.3731 | 0.0111 |
| Mercury | 80692-03-30 02:10 G | 31193296.49 | 31193296.59 | 31193296.69 | 0.3640 | 0.1490 |
| Mercury | 80697-10-13 18:44 G | 31195320.18 | 31195320.28 | 31195320.39 | 0.3641 | 0.1162 |
| Mercury | 80743-04-22 07:27 G | 31211945.76 | 31211945.81 | 31211945.86 | 0.3640 | 0.3090 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 80747-04-23 06:58 G | 31213407.68 | 31213407.79 | 31213407.90 | 0.3731 | 0.2162 |
| Mercury | 80748-11-05 00:00 G | 31213969.39 | 31213969.50 | 31213969.60 | 0.3641 | 0.0521 |
| Mercury | 80754-05-21 16:34 G | 31215993.10 | 31215993.19 | 31215993.28 | 0.3641 | 0.2162 |
| Mercury | 80798-05-14 04:20 G | 31232056.56 | 31232056.68 | 31232056.80 | 0.3732 | 0.1783 |
| Mercury | 80799-11-27 05:03 G | 31232618.62 | 31232618.71 | 31232618.80 | 0.3640 | 0.2127 |
| Mercury | 80805-06-11 21:36 G | 31234642.29 | 31234642.40 | 31234642.51 | 0.3641 | 0.0482 |
| Mercury | 80810-12-26 14:10 G | 31236666.04 | 31236666.09 | 31236666.15 | 0.3641 | 0.3172 |
| Mercury | 80854-12-19 04:48 G | 31252729.56 | 31252729.70 | 31252729.84 | 0.3731 | 0.0322 |
| Mercury | 80856-07-03 02:39 G | 31253291.51 | 31253291.61 | 31253291.72 | 0.3640 | 0.1163 |
| Mercury | 80862-01-16 19:12 G | 31255315.21 | 31255315.30 | 31255315.40 | 0.3641 | 0.1490 |
| Mercury | 80906-01-10 01:56 G | 31271378.58 | 31271378.58 | 31271378.59 | 0.3732 | 0.3719 |
| Mercury | 80907-07-26 07:56 G | 31271940.76 | 31271940.83 | 31271940.90 | 0.3639 | 0.2756 |
| Mercury | 80911-07-27 05:17 G | 31273402.62 | 31273402.72 | 31273402.83 | 0.3731 | 0.2392 |
| Mercury | 80913-02-08 00:29 G | 31273964.41 | 31273964.52 | 31273964.62 | 0.3640 | 0.0226 |
| Mercury | 80918-08-24 17:03 G | 31275988.13 | 31275988.21 | 31275988.29 | 0.3641 | 0.2479 |
| Mercury | 80962-08-17 02:24 G | 31292051.48 | 31292051.60 | 31292051.73 | 0.3732 | 0.1598 |
| Mercury | 80964-03-01 05:32 G | 31292613.64 | 31292613.73 | 31292613.82 | 0.3640 | 0.1805 |
| Mercury | 80969-09-14 22:05 G | 31294637.31 | 31294637.42 | 31294637.52 | 0.3640 | 0.0803 |
| Mercury | 80975-03-31 14:39 G | 31296661.08 | 31296661.11 | 31296661.14 | 0.3641 | 0.3463 |

82ND MILLENNIUM CE

This is a list of transits visible from Venus in the 82nd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|-------------------------|---|-------|-----|-----|--------|-------|---|
|--------|-------------------------|---|-------|-----|-----|--------|-------|---|

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 81015-03-24 10:48 G | 31311262.91 | 31311262.95 | 31311262.98 | 0.3639 | 0.3397 |
| Mercury | 81019-03-25 03:08 G | 31312724.49 | 31312724.63 | 31312724.77 | 0.3732 | 0.0526 |
| Mercury | 81020-10-07 03:08 G | 31313286.53 | 31313286.63 | 31313286.74 | 0.3640 | 0.0842 |
| Mercury | 81026-04-22 19:41 G | 31315310.23 | 31315310.32 | 31315310.41 | 0.3640 | 0.1781 |
| Mercury | 81070-04-15 00:00 G | 31331373.47 | 31331373.50 | 31331373.54 | 0.3733 | 0.3587 |
| Mercury | 81071-10-29 08:24 G | 31331935.77 | 31331935.85 | 31331935.93 | 0.3639 | 0.2445 |
| Mercury | 81075-10-30 03:36 G | 31333397.55 | 31333397.65 | 31333397.74 | 0.3732 | 0.2580 |
| Mercury | 81077-05-14 00:44 G | 31333959.43 | 31333959.53 | 31333959.64 | 0.3640 | 0.0185 |
| Mercury | 81082-11-27 17:17 G | 31335983.16 | 31335983.22 | 31335983.29 | 0.3640 | 0.2776 |
| Mercury | 81126-11-21 00:44 G | 31352046.40 | 31352046.53 | 31352046.66 | 0.3733 | 0.1419 |
| Mercury | 81128-06-05 06:00 G | 31352608.65 | 31352608.75 | 31352608.85 | 0.3639 | 0.1481 |
| Mercury | 81133-12-19 22:34 G | 31354632.33 | 31354632.44 | 31354632.54 | 0.3640 | 0.1120 |
| Mercury | 81179-06-27 11:17 G | 31371257.92 | 31371257.97 | 31371258.03 | 0.3638 | 0.3068 |
| Mercury | 81183-06-28 01:12 G | 31372719.42 | 31372719.55 | 31372719.69 | 0.3732 | 0.0713 |
| Mercury | 81185-01-10 03:36 G | 31373281.55 | 31373281.65 | 31373281.76 | 0.3639 | 0.0521 |
| Mercury | 81190-07-26 20:10 G | 31375305.25 | 31375305.34 | 31375305.43 | 0.3640 | 0.2099 |
| Mercury | 81234-07-18 22:20 G | 31391368.37 | 31391368.43 | 31391368.48 | 0.3733 | 0.3407 |
| Mercury | 81236-02-01 08:53 G | 31391930.79 | 31391930.87 | 31391930.96 | 0.3638 | 0.2115 |
| Mercury | 81240-02-02 01:56 G | 31393392.49 | 31393392.58 | 31393392.67 | 0.3732 | 0.2802 |
| Mercury | 81241-08-17 01:27 G | 31393954.45 | 31393954.56 | 31393954.66 | 0.3639 | 0.0483 |
| Mercury | 81247-03-02 17:46 G | 31395978.19 | 31395978.24 | 31395978.30 | 0.3640 | 0.3086 |
| Mercury | 81291-02-22 22:48 G | 31412041.32 | 31412041.45 | 31412041.59 | 0.3733 | 0.1236 |
| Mercury | 81292-09-07 06:29 G | 31412603.67 | 31412603.77 | 31412603.87 | 0.3639 | 0.1162 |
| Mercury | 81298-03-23 22:48 G | 31414627.35 | 31414627.45 | 31414627.55 | 0.3639 | 0.1424 |
| Mercury | 81343-09-30 11:46 G | 31431252.92 | 31431252.99 | 31431253.06 | 0.3638 | 0.2748 |
| Mercury | 81347-09-30 23:17 G | 31432714.34 | 31432714.47 | 31432714.61 | 0.3733 | 0.0867 |
| Mercury | 81349-04-15 04:05 G | 31433276.56 | 31433276.67 | 31433276.78 | 0.3639 | 0.0215 |
| Mercury | 81354-10-29 20:39 G | 31435300.28 | 31435300.36 | 31435300.44 | 0.3639 | 0.2401 |
| Mercury | 81398-10-21 20:10 G | 31451363.28 | 31451363.34 | 31451363.41 | 0.3734 | 0.3275 |
| Mercury | 81400-05-07 09:22 G | 31451925.80 | 31451925.89 | 31451925.98 | 0.3638 | 0.1804 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 81404-05-08 00:00 G | 31453387.41 | 31453387.50 | 31453387.58 | 0.3733 | 0.2956 |
| Mercury | 81405-11-21 01:41 G | 31453949.47 | 31453949.57 | 31453949.68 | 0.3639 | 0.0759 |
| Mercury | 81411-06-06 18:15 G | 31455973.22 | 31455973.26 | 31455973.30 | 0.3640 | 0.3392 |
| Mercury | 81451-05-29 14:39 G | 31470575.08 | 31470575.11 | 31470575.15 | 0.3637 | 0.3367 |
| Mercury | 81455-05-29 20:53 G | 31472036.24 | 31472036.37 | 31472036.50 | 0.3734 | 0.1103 |
| Mercury | 81456-12-12 06:58 G | 31472598.69 | 31472598.79 | 31472598.90 | 0.3638 | 0.0854 |
| Mercury | 81462-06-27 23:17 G | 31474622.38 | 31474622.47 | 31474622.57 | 0.3639 | 0.1739 |
| Mercury | 81508-01-04 12:15 G | 31491247.94 | 31491248.01 | 31491248.09 | 0.3637 | 0.2427 |
| Mercury | 81512-01-04 21:36 G | 31492709.26 | 31492709.40 | 31492709.53 | 0.3733 | 0.1052 |
| Mercury | 81513-07-20 04:34 G | 31493271.58 | 31493271.69 | 31493271.80 | 0.3638 | 0.0132 |
| Mercury | 81519-02-02 21:08 G | 31495295.31 | 31495295.38 | 31495295.45 | 0.3639 | 0.2717 |
| Mercury | 81563-01-25 18:15 G | 31511358.19 | 31511358.26 | 31511358.34 | 0.3734 | 0.3120 |
| Mercury | 81564-08-10 09:51 G | 31511920.82 | 31511920.91 | 31511921.01 | 0.3637 | 0.1485 |
| Mercury | 81568-08-10 22:05 G | 31513382.35 | 31513382.42 | 31513382.49 | 0.3733 | 0.3156 |
| Mercury | 81570-02-24 02:10 G | 31513944.49 | 31513944.59 | 31513944.70 | 0.3638 | 0.1076 |
| Mercury | 81615-09-01 15:22 G | 31530570.08 | 31530570.14 | 31530570.19 | 0.3637 | 0.3043 |
| Mercury | 81619-09-01 18:58 G | 31532031.15 | 31532031.29 | 31532031.43 | 0.3734 | 0.0946 |
| Mercury | 81621-03-17 07:27 G | 31532593.71 | 31532593.81 | 31532593.92 | 0.3638 | 0.0545 |
| Mercury | 81626-09-30 23:46 G | 31534617.41 | 31534617.49 | 31534617.58 | 0.3639 | 0.2046 |
| Mercury | 81672-04-07 12:44 G | 31551242.95 | 31551243.03 | 31551243.12 | 0.3637 | 0.2126 |
| Mercury | 81676-04-07 19:41 G | 31552704.18 | 31552704.32 | 31552704.45 | 0.3734 | 0.1209 |
| Mercury | 81677-10-22 05:03 G | 31553266.60 | 31553266.71 | 31553266.82 | 0.3638 | 0.0418 |
| Mercury | 81683-05-07 21:22 G | 31555290.34 | 31555290.39 | 31555290.45 | 0.3638 | 0.3010 |
| Mercury | 81727-04-30 16:05 G | 31571353.09 | 31571353.17 | 31571353.26 | 0.3735 | 0.3020 |
| Mercury | 81728-11-13 10:20 G | 31571915.83 | 31571915.93 | 31571916.03 | 0.3637 | 0.1185 |
| Mercury | 81732-11-13 20:10 G | 31573377.28 | 31573377.34 | 31573377.40 | 0.3734 | 0.3329 |
| Mercury | 81734-05-30 02:39 G | 31573939.51 | 31573939.61 | 31573939.71 | 0.3638 | 0.1383 |
| Mercury | 81779-12-05 15:51 G | 31590565.09 | 31590565.16 | 31590565.23 | 0.3636 | 0.2739 |
| Mercury | 81783-12-05 17:03 G | 31592026.07 | 31592026.21 | 31592026.34 | 0.3735 | 0.0810 |
| Mercury | 81785-06-20 07:56 G | 31592588.73 | 31592588.83 | 31592588.94 | 0.3637 | 0.0255 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 81791-01-04 00:15 G | 31594612.43 | 31594612.51 | 31594612.60 | 0.3638 | 0.2350 |
| Mercury | 81836-07-12 13:27 G | 31611237.96 | 31611238.06 | 31611238.15 | 0.3637 | 0.1809 |
| Mercury | 81840-07-12 17:46 G | 31612699.11 | 31612699.24 | 31612699.37 | 0.3735 | 0.1379 |
| Mercury | 81842-01-26 05:32 G | 31613261.63 | 31613261.73 | 31613261.84 | 0.3637 | 0.0745 |
| Mercury | 81847-08-11 22:05 G | 31615285.37 | 31615285.42 | 31615285.46 | 0.3638 | 0.3318 |
| Mercury | 81887-08-03 18:44 G | 31629887.24 | 31629887.28 | 31629887.32 | 0.3636 | 0.3343 |
| Mercury | 81891-08-03 14:10 G | 31631348.00 | 31631348.09 | 31631348.18 | 0.3736 | 0.2870 |
| Mercury | 81893-02-16 11:03 G | 31631910.85 | 31631910.96 | 31631911.06 | 0.3637 | 0.0866 |
| Mercury | 81897-02-16 18:29 G | 31633372.23 | 31633372.27 | 31633372.31 | 0.3734 | 0.3529 |
| Mercury | 81898-09-02 03:08 G | 31633934.54 | 31633934.63 | 31633934.73 | 0.3637 | 0.1695 |
| Mercury | 81944-03-10 16:20 G | 31650560.10 | 31650560.18 | 31650560.26 | 0.3636 | 0.2424 |
| Mercury | 81948-03-10 14:53 G | 31652020.99 | 31652021.12 | 31652021.26 | 0.3735 | 0.0665 |
| Mercury | 81949-09-24 08:39 G | 31652583.75 | 31652583.86 | 31652583.96 | 0.3637 | 0.0172 |
| Mercury | 81955-04-10 00:44 G | 31654607.46 | 31654607.53 | 31654607.61 | 0.3638 | 0.2634 |
| Mercury | 82000-10-15 13:56 G | 31671232.98 | 31671233.08 | 31671233.18 | 0.3636 | 0.1492 |

83RD MILLENNIUM CE

This is a list of transits visible from Venus in the 83rd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 82004-10-15 15:36 G | | 31672694.02 | 31672694.15 | 31672694.28 | 0.3735 | 0.1516 | |
| Mercury | 82006-05-01 06:00 G | | 31673256.65 | 31673256.75 | 31673256.86 | 0.3637 | 0.1028 | |
| Mercury | 82011-11-14 22:20 G | | 31675280.42 | 31675280.43 | 31675280.44 | 0.3638 | 0.3609 | |
| Mercury | 82051-11-06 19:12 G | | 31689882.25 | 31689882.30 | 31689882.36 | 0.3636 | 0.3042 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 82055-11-06 12:00 G | 31691342.91 | 31691343.00 | 31691343.10 | 0.3736 | 0.2778 |
| Mercury | 82057-05-22 11:32 G | 31691905.87 | 31691905.98 | 31691906.08 | 0.3636 | 0.0562 |
| Mercury | 82061-05-22 16:20 G | 31693367.16 | 31693367.18 | 31693367.21 | 0.3735 | 0.3653 |
| Mercury | 82062-12-06 03:36 G | 31693929.56 | 31693929.65 | 31693929.74 | 0.3637 | 0.1977 |
| Mercury | 82108-06-13 16:48 G | 31710555.12 | 31710555.20 | 31710555.29 | 0.3636 | 0.2113 |
| Mercury | 82112-06-13 12:58 G | 31712015.90 | 31712016.04 | 31712016.18 | 0.3736 | 0.0541 |
| Mercury | 82113-12-28 09:08 G | 31712578.77 | 31712578.88 | 31712578.98 | 0.3636 | 0.0399 |
| Mercury | 82119-07-14 01:27 G | 31714602.49 | 31714602.56 | 31714602.62 | 0.3637 | 0.2945 |
| Mercury | 82165-01-18 14:24 G | 31731228.00 | 31731228.10 | 31731228.20 | 0.3636 | 0.1177 |
| Mercury | 82169-01-18 13:41 G | 31732688.95 | 31732689.07 | 31732689.20 | 0.3736 | 0.1675 |
| Mercury | 82170-08-04 06:44 G | 31733251.68 | 31733251.78 | 31733251.88 | 0.3636 | 0.1339 |
| Mercury | 82216-02-10 19:56 G | 31749877.26 | 31749877.33 | 31749877.40 | 0.3635 | 0.2718 |
| Mercury | 82220-02-10 10:05 G | 31751337.82 | 31751337.92 | 31751338.02 | 0.3736 | 0.2646 |
| Mercury | 82221-08-26 12:00 G | 31751900.89 | 31751901.00 | 31751901.11 | 0.3636 | 0.0245 |
| Mercury | 82227-03-12 04:20 G | 31753924.59 | 31753924.68 | 31753924.76 | 0.3637 | 0.2285 |
| Mercury | 82272-09-16 17:32 G | 31770550.14 | 31770550.23 | 31770550.32 | 0.3635 | 0.1796 |
| Mercury | 82276-09-16 10:48 G | 31772010.81 | 31772010.95 | 31772011.09 | 0.3736 | 0.0416 |
| Mercury | 82278-04-02 09:36 G | 31772573.79 | 31772573.90 | 31772574.00 | 0.3636 | 0.0686 |
| Mercury | 82283-10-17 01:56 G | 31774597.53 | 31774597.58 | 31774597.62 | 0.3637 | 0.3242 |
| Mercury | 82323-10-09 23:03 G | 31789199.42 | 31789199.46 | 31789199.50 | 0.3635 | 0.3330 |
| Mercury | 82329-04-24 14:53 G | 31791223.02 | 31791223.12 | 31791223.23 | 0.3635 | 0.0889 |
| Mercury | 82333-04-24 11:32 G | 31792683.86 | 31792683.98 | 31792684.11 | 0.3736 | 0.1796 |
| Mercury | 82334-11-08 07:12 G | 31793246.70 | 31793246.80 | 31793246.89 | 0.3636 | 0.1628 |
| Mercury | 82380-05-15 20:24 G | 31809872.27 | 31809872.35 | 31809872.43 | 0.3635 | 0.2417 |
| Mercury | 82384-05-15 07:41 G | 31811332.72 | 31811332.82 | 31811332.93 | 0.3737 | 0.2575 |
| Mercury | 82385-11-29 12:29 G | 31811895.91 | 31811896.02 | 31811896.13 | 0.3635 | 0.0071 |
| Mercury | 82391-06-15 04:48 G | 31813919.62 | 31813919.70 | 31813919.77 | 0.3636 | 0.2583 |
| Mercury | 82436-12-20 18:00 G | 31830545.15 | 31830545.25 | 31830545.35 | 0.3635 | 0.1496 |
| Mercury | 82440-12-20 08:39 G | 31832005.72 | 31832005.86 | 31832006.01 | 0.3737 | 0.0310 |
| Mercury | 82442-07-06 10:05 G | 31832568.82 | 31832568.92 | 31832569.02 | 0.3635 | 0.0986 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 82448-01-20 02:24 G | 31834592.58 | 31834592.60 | 31834592.62 | 0.3636 | 0.3538 |
| Mercury | 82488-01-11 23:32 G | 31849194.42 | 31849194.48 | 31849194.54 | 0.3634 | 0.3013 |
| Mercury | 82493-07-27 15:36 G | 31851218.04 | 31851218.15 | 31851218.25 | 0.3635 | 0.0579 |
| Mercury | 82497-07-27 09:36 G | 31852678.78 | 31852678.90 | 31852679.02 | 0.3737 | 0.1946 |
| Mercury | 82499-02-10 07:41 G | 31853241.73 | 31853241.82 | 31853241.91 | 0.3636 | 0.1935 |
| Mercury | 82544-08-18 21:08 G | 31869867.29 | 31869867.38 | 31869867.46 | 0.3634 | 0.2102 |
| Mercury | 82548-08-18 05:46 G | 31871327.63 | 31871327.74 | 31871327.84 | 0.3738 | 0.2458 |
| Mercury | 82550-03-04 13:12 G | 31871890.94 | 31871891.05 | 31871891.15 | 0.3635 | 0.0388 |
| Mercury | 82555-09-18 05:17 G | 31873914.66 | 31873914.72 | 31873914.78 | 0.3636 | 0.2880 |
| Mercury | 82595-09-10 02:39 G | 31888516.60 | 31888516.61 | 31888516.62 | 0.3634 | 0.3609 |
| Mercury | 82601-03-26 18:29 G | 31890540.17 | 31890540.27 | 31890540.37 | 0.3635 | 0.1201 |
| Mercury | 82605-03-26 06:44 G | 31892000.63 | 31892000.78 | 31892000.92 | 0.3737 | 0.0212 |
| Mercury | 82606-10-10 10:34 G | 31892563.84 | 31892563.94 | 31892564.04 | 0.3635 | 0.1292 |
| Mercury | 82652-04-17 00:00 G | 31909189.43 | 31909189.50 | 31909189.57 | 0.3634 | 0.2721 |
| Mercury | 82657-10-31 16:05 G | 31911213.06 | 31911213.17 | 31911213.28 | 0.3635 | 0.0276 |
| Mercury | 82661-10-31 07:27 G | 31912673.69 | 31912673.81 | 31912673.93 | 0.3737 | 0.2037 |
| Mercury | 82663-05-17 08:10 G | 31913236.76 | 31913236.84 | 31913236.92 | 0.3635 | 0.2218 |
| Mercury | 82708-11-22 21:36 G | 31929862.31 | 31929862.40 | 31929862.49 | 0.3634 | 0.1810 |
| Mercury | 82712-11-22 03:22 G | 31931322.53 | 31931322.64 | 31931322.75 | 0.3738 | 0.2390 |
| Mercury | 82714-06-08 13:41 G | 31931885.96 | 31931886.07 | 31931886.17 | 0.3634 | 0.0653 |
| Mercury | 82719-12-23 05:46 G | 31933909.69 | 31933909.74 | 31933909.79 | 0.3635 | 0.3159 |
| Mercury | 82759-12-15 03:08 G | 31948511.59 | 31948511.63 | 31948511.67 | 0.3633 | 0.3314 |
| Mercury | 82765-06-29 19:12 G | 31950535.20 | 31950535.30 | 31950535.40 | 0.3634 | 0.0892 |
| Mercury | 82769-06-29 04:20 G | 31951995.54 | 31951995.68 | 31951995.83 | 0.3738 | 0.0126 |
| Mercury | 82771-01-13 11:17 G | 31952558.87 | 31952558.97 | 31952559.06 | 0.3635 | 0.1588 |
| Mercury | 82816-07-21 00:44 G | 31969184.45 | 31969184.53 | 31969184.61 | 0.3633 | 0.2408 |
| Mercury | 82822-02-03 16:48 G | 31971208.09 | 31971208.20 | 31971208.30 | 0.3634 | 0.0163 |
| Mercury | 82826-02-03 05:17 G | 31972668.61 | 31972668.72 | 31972668.84 | 0.3738 | 0.2167 |
| Mercury | 82827-08-20 08:39 G | 31973231.79 | 31973231.86 | 31973231.94 | 0.3635 | 0.2523 |
| Mercury | 82873-02-24 22:20 G | 31989857.33 | 31989857.43 | 31989857.52 | 0.3634 | 0.1505 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 82877-02-24 01:12 G | 31991317.44 | 31991317.55 | 31991317.66 | 0.3738 | 0.2286 |
| Mercury | 82878-09-10 14:10 G | 31991880.99 | 31991881.09 | 31991881.20 | 0.3634 | 0.0961 |
| Mercury | 82884-03-26 06:15 G | 31993904.73 | 31993904.76 | 31993904.79 | 0.3635 | 0.3452 |
| Mercury | 82924-03-19 03:51 G | 32008506.60 | 32008506.66 | 32008506.72 | 0.3633 | 0.3006 |
| Mercury | 82929-10-02 19:41 G | 32010530.22 | 32010530.32 | 32010530.43 | 0.3634 | 0.0595 |
| Mercury | 82933-10-02 02:10 G | 32011990.44 | 32011990.59 | 32011990.73 | 0.3738 | 0.0056 |
| Mercury | 82935-04-18 11:46 G | 32012553.90 | 32012553.99 | 32012554.08 | 0.3634 | 0.1867 |
| Mercury | 82980-10-24 01:12 G | 32029179.47 | 32029179.55 | 32029179.64 | 0.3633 | 0.2112 |
| Mercury | 82986-05-09 17:17 G | 32031203.11 | 32031203.22 | 32031203.32 | 0.3634 | 0.0325 |
| Mercury | 82990-05-09 03:08 G | 32032663.52 | 32032663.63 | 32032663.74 | 0.3738 | 0.2254 |
| Mercury | 82991-11-23 09:22 G | 32033226.82 | 32033226.89 | 32033226.95 | 0.3634 | 0.2799 |

84TH MILLENNIUM CE

This is a list of transits visible from Venus in the 84th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 83031-11-16 06:58 G | 32047828.78 | 32047828.79 | 32047828.80 | 0.3633 | 0.3599 | | |
| Mercury | 83037-05-31 22:48 G | 32049852.35 | 32049852.45 | 32049852.55 | 0.3633 | 0.1206 | | |
| Mercury | 83041-05-30 22:48 G | 32051312.33 | 32051312.45 | 32051312.56 | 0.3739 | 0.2264 | | |
| Mercury | 83042-12-15 14:39 G | 32051876.02 | 32051876.11 | 32051876.21 | 0.3634 | 0.1245 | | |
| Mercury | 83088-06-22 04:20 G | 32068501.62 | 32068501.68 | 32068501.75 | 0.3633 | 0.2706 | | |
| Mercury | 83094-01-05 20:24 G | 32070525.24 | 32070525.35 | 32070525.45 | 0.3633 | 0.0325 | | |
| Mercury | 83098-01-04 23:46 G | 32071985.35 | 32071985.49 | 32071985.64 | 0.3739 | 0.0135 | | |
| Mercury | 83099-07-22 12:15 G | 32072548.93 | 32072549.01 | 32072549.10 | 0.3634 | 0.2165 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 83145-01-28 01:56 G | 32089174.49 | 32089174.58 | 32089174.67 | 0.3633 | 0.1802 |
| Mercury | 83150-08-13 17:46 G | 32091198.14 | 32091198.24 | 32091198.35 | 0.3633 | 0.0626 |
| Mercury | 83154-08-13 00:58 G | 32092658.43 | 32092658.54 | 32092658.65 | 0.3739 | 0.2385 |
| Mercury | 83156-02-27 09:51 G | 32093221.86 | 32093221.91 | 32093221.97 | 0.3634 | 0.3096 |
| Mercury | 83196-02-19 07:41 G | 32107823.77 | 32107823.82 | 32107823.86 | 0.3632 | 0.3291 |
| Mercury | 83201-09-03 23:32 G | 32109847.37 | 32109847.48 | 32109847.58 | 0.3633 | 0.0914 |
| Mercury | 83205-09-02 20:24 G | 32111307.24 | 32111307.35 | 32111307.47 | 0.3740 | 0.2192 |
| Mercury | 83207-03-20 15:22 G | 32111871.04 | 32111871.14 | 32111871.24 | 0.3633 | 0.1531 |
| Mercury | 83252-09-25 05:03 G | 32128496.63 | 32128496.71 | 32128496.79 | 0.3632 | 0.2401 |
| Mercury | 83258-04-10 20:53 G | 32130520.26 | 32130520.37 | 32130520.48 | 0.3633 | 0.0021 |
| Mercury | 83262-04-09 21:36 G | 32131980.26 | 32131980.40 | 32131980.55 | 0.3739 | 0.0172 |
| Mercury | 83263-10-25 12:58 G | 32132543.96 | 32132544.04 | 32132544.11 | 0.3633 | 0.2453 |
| Mercury | 83309-05-03 02:24 G | 32149169.51 | 32149169.60 | 32149169.70 | 0.3632 | 0.1527 |
| Mercury | 83314-11-16 18:29 G | 32151193.16 | 32151193.27 | 32151193.37 | 0.3633 | 0.0909 |
| Mercury | 83318-11-15 22:48 G | 32152653.34 | 32152653.45 | 32152653.55 | 0.3739 | 0.2444 |
| Mercury | 83320-06-01 10:20 G | 32153216.90 | 32153216.93 | 32153216.97 | 0.3633 | 0.3371 |
| Mercury | 83360-05-24 08:10 G | 32167818.78 | 32167818.84 | 32167818.90 | 0.3632 | 0.3000 |
| Mercury | 83365-12-08 00:00 G | 32169842.40 | 32169842.50 | 32169842.60 | 0.3632 | 0.0623 |
| Mercury | 83369-12-06 18:00 G | 32171302.14 | 32171302.25 | 32171302.37 | 0.3740 | 0.2147 |
| Mercury | 83371-06-23 15:51 G | 32171866.07 | 32171866.16 | 32171866.26 | 0.3633 | 0.1826 |
| Mercury | 83416-12-30 05:46 G | 32188491.65 | 32188491.74 | 32188491.82 | 0.3632 | 0.2116 |
| Mercury | 83422-07-15 21:36 G | 32190515.29 | 32190515.40 | 32190515.50 | 0.3632 | 0.0309 |
| Mercury | 83426-07-14 19:27 G | 32191975.16 | 32191975.31 | 32191975.45 | 0.3740 | 0.0251 |
| Mercury | 83428-01-29 13:27 G | 32192538.99 | 32192539.06 | 32192539.13 | 0.3633 | 0.2740 |
| Mercury | 83468-01-21 11:17 G | 32207140.96 | 32207140.97 | 32207140.99 | 0.3631 | 0.3578 |
| Mercury | 83473-08-06 03:08 G | 32209164.53 | 32209164.63 | 32209164.73 | 0.3632 | 0.1221 |
| Mercury | 83479-02-19 18:58 G | 32211188.19 | 32211188.29 | 32211188.39 | 0.3632 | 0.1204 |
| Mercury | 83483-02-18 20:24 G | 32212648.25 | 32212648.35 | 32212648.46 | 0.3740 | 0.2546 |
| Mercury | 83524-08-28 08:53 G | 32227813.80 | 32227813.87 | 32227813.94 | 0.3631 | 0.2696 |
| Mercury | 83530-03-14 00:44 G | 32229837.42 | 32229837.53 | 32229837.63 | 0.3632 | 0.0339 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 83534-03-12 15:51 G | 32231297.04 | 32231297.16 | 32231297.28 | 0.3740 | 0.2073 |
| Mercury | 83535-09-27 16:34 G | 32231861.10 | 32231861.19 | 32231861.28 | 0.3632 | 0.2109 |
| Mercury | 83581-04-04 06:15 G | 32248486.67 | 32248486.76 | 32248486.85 | 0.3632 | 0.1822 |
| Mercury | 83586-10-18 22:05 G | 32250510.32 | 32250510.42 | 32250510.53 | 0.3632 | 0.0581 |
| Mercury | 83590-10-17 16:48 G | 32251970.06 | 32251970.20 | 32251970.35 | 0.3740 | 0.0260 |
| Mercury | 83592-05-03 13:56 G | 32252534.03 | 32252534.08 | 32252534.14 | 0.3633 | 0.3010 |
| Mercury | 83632-04-25 12:00 G | 32267135.96 | 32267136.00 | 32267136.04 | 0.3631 | 0.3292 |
| Mercury | 83637-11-09 03:51 G | 32269159.55 | 32269159.66 | 32269159.76 | 0.3632 | 0.0937 |
| Mercury | 83643-05-25 19:41 G | 32271183.22 | 32271183.32 | 32271183.41 | 0.3632 | 0.1477 |
| Mercury | 83647-05-24 18:00 G | 32272643.15 | 32272643.25 | 32272643.36 | 0.3740 | 0.2588 |
| Mercury | 83688-11-30 09:22 G | 32287808.82 | 32287808.89 | 32287808.97 | 0.3631 | 0.2416 |
| Mercury | 83694-06-16 01:12 G | 32289832.45 | 32289832.55 | 32289832.66 | 0.3632 | 0.0069 |
| Mercury | 83698-06-14 13:12 G | 32291291.93 | 32291292.05 | 32291292.17 | 0.3741 | 0.2085 |
| Mercury | 83699-12-30 17:03 G | 32291856.13 | 32291856.21 | 32291856.29 | 0.3632 | 0.2381 |
| Mercury | 83745-07-08 06:58 G | 32308481.69 | 32308481.79 | 32308481.88 | 0.3631 | 0.1525 |
| Mercury | 83751-01-21 22:48 G | 32310505.35 | 32310505.45 | 32310505.55 | 0.3631 | 0.0866 |
| Mercury | 83755-01-20 14:39 G | 32311964.96 | 32311965.11 | 32311965.25 | 0.3741 | 0.0331 |
| Mercury | 83756-08-06 14:39 G | 32312529.07 | 32312529.11 | 32312529.15 | 0.3632 | 0.3297 |
| Mercury | 83796-07-29 12:44 G | 32327130.97 | 32327131.03 | 32327131.09 | 0.3631 | 0.2993 |
| Mercury | 83802-02-13 04:20 G | 32329154.58 | 32329154.68 | 32329154.79 | 0.3631 | 0.0648 |
| Mercury | 83807-08-29 20:10 G | 32331178.25 | 32331178.34 | 32331178.43 | 0.3632 | 0.1766 |
| Mercury | 83811-08-28 15:51 G | 32332638.06 | 32332638.16 | 32332638.26 | 0.3741 | 0.2668 |
| Mercury | 83853-03-06 10:05 G | 32347803.84 | 32347803.92 | 32347804.01 | 0.3631 | 0.2115 |
| Mercury | 83858-09-20 01:56 G | 32349827.47 | 32349827.58 | 32349827.68 | 0.3631 | 0.0258 |
| Mercury | 83862-09-18 10:48 G | 32351286.83 | 32351286.95 | 32351287.07 | 0.3741 | 0.2051 |
| Mercury | 83864-04-04 17:46 G | 32351851.17 | 32351851.24 | 32351851.31 | 0.3632 | 0.2663 |
| Mercury | 83904-03-28 15:51 G | 32366453.15 | 32366453.16 | 32366453.18 | 0.3631 | 0.3572 |
| Mercury | 83909-10-12 07:41 G | 32368476.72 | 32368476.82 | 32368476.92 | 0.3631 | 0.1236 |
| Mercury | 83915-04-27 23:17 G | 32370500.37 | 32370500.47 | 32370500.57 | 0.3631 | 0.1139 |
| Mercury | 83919-04-26 12:00 G | 32371959.86 | 32371960.00 | 32371960.15 | 0.3741 | 0.0375 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 83920-11-10 15:08 G | 32372524.12 | 32372524.13 | 32372524.15 | 0.3632 | 0.3579 |
| Mercury | 83960-11-02 13:12 G | 32387125.99 | 32387126.05 | 32387126.12 | 0.3631 | 0.2708 |
| Mercury | 83966-05-19 05:03 G | 32389149.60 | 32389149.71 | 32389149.81 | 0.3631 | 0.0364 |
| Mercury | 83971-12-02 20:53 G | 32391173.28 | 32391173.37 | 32391173.45 | 0.3631 | 0.2036 |
| Mercury | 83975-12-01 13:27 G | 32392632.96 | 32392633.06 | 32392633.16 | 0.3741 | 0.2702 |

85TH MILLENNIUM CE

This is a list of transits visible from Venus in the 85th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 84017-06-09 10:48 G | | 32407798.86 | 32407798.95 | 32407799.04 | 0.3630 | 0.1830 | |
| Mercury | 84022-12-24 02:24 G | | 32409822.50 | 32409822.60 | 32409822.71 | 0.3631 | 0.0544 | |
| Mercury | 84026-12-22 08:10 G | | 32411281.72 | 32411281.84 | 32411281.97 | 0.3742 | 0.2044 | |
| Mercury | 84028-07-08 18:15 G | | 32411846.21 | 32411846.26 | 32411846.32 | 0.3631 | 0.2951 | |
| Mercury | 84068-06-30 16:34 G | | 32426448.15 | 32426448.19 | 32426448.23 | 0.3630 | 0.3278 | |
| Mercury | 84074-01-14 08:10 G | | 32428471.74 | 32428471.84 | 32428471.94 | 0.3630 | 0.0954 | |
| Mercury | 84079-07-31 00:00 G | | 32430495.40 | 32430495.50 | 32430495.60 | 0.3631 | 0.1423 | |
| Mercury | 84083-07-29 09:36 G | | 32431954.76 | 32431954.90 | 32431955.05 | 0.3742 | 0.0387 | |
| Mercury | 84125-02-05 13:56 G | | 32447121.01 | 32447121.08 | 32447121.16 | 0.3630 | 0.2411 | |
| Mercury | 84130-08-22 05:46 G | | 32449144.63 | 32449144.74 | 32449144.84 | 0.3630 | 0.0115 | |
| Mercury | 84136-03-06 21:36 G | | 32451168.32 | 32451168.40 | 32451168.48 | 0.3631 | 0.2330 | |
| Mercury | 84140-03-05 11:03 G | | 32452627.86 | 32452627.96 | 32452628.06 | 0.3741 | 0.2779 | |
| Mercury | 84181-09-12 11:32 G | | 32467793.88 | 32467793.98 | 32467794.07 | 0.3630 | 0.1537 | |
| Mercury | 84187-03-29 03:08 G | | 32469817.53 | 32469817.63 | 32469817.73 | 0.3631 | 0.0815 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 84191-03-27 05:46 G | 32471276.62 | 32471276.74 | 32471276.86 | 0.3742 | 0.2024 |
| Mercury | 84192-10-11 18:58 G | 32471841.24 | 32471841.29 | 32471841.34 | 0.3631 | 0.3225 |
| Mercury | 84232-10-04 17:17 G | 32486443.16 | 32486443.22 | 32486443.28 | 0.3630 | 0.2988 |
| Mercury | 84238-04-20 08:53 G | 32488466.77 | 32488466.87 | 32488466.97 | 0.3630 | 0.0673 |
| Mercury | 84243-11-04 00:44 G | 32490490.43 | 32490490.53 | 32490490.62 | 0.3631 | 0.1709 |
| Mercury | 84247-11-02 06:58 G | 32491949.65 | 32491949.79 | 32491949.94 | 0.3742 | 0.0381 |
| Mercury | 84289-05-11 14:39 G | 32507116.03 | 32507116.11 | 32507116.19 | 0.3630 | 0.2134 |
| Mercury | 84294-11-25 06:15 G | 32509139.66 | 32509139.76 | 32509139.87 | 0.3630 | 0.0231 |
| Mercury | 84300-06-10 22:05 G | 32511163.35 | 32511163.42 | 32511163.49 | 0.3630 | 0.2592 |
| Mercury | 84304-06-09 08:24 G | 32512622.75 | 32512622.85 | 32512622.95 | 0.3742 | 0.2775 |
| Mercury | 84340-06-02 20:24 G | 32525765.34 | 32525765.35 | 32525765.37 | 0.3629 | 0.3571 |
| Mercury | 84345-12-17 12:00 G | 32527788.91 | 32527789.00 | 32527789.10 | 0.3630 | 0.1268 |
| Mercury | 84351-07-03 03:51 G | 32529812.56 | 32529812.66 | 32529812.76 | 0.3630 | 0.1095 |
| Mercury | 84355-07-01 03:08 G | 32531271.50 | 32531271.63 | 32531271.75 | 0.3742 | 0.2068 |
| Mercury | 84357-01-15 19:41 G | 32531836.29 | 32531836.32 | 32531836.34 | 0.3630 | 0.3492 |
| Mercury | 84397-01-07 18:00 G | 32546438.18 | 32546438.25 | 32546438.31 | 0.3629 | 0.2710 |
| Mercury | 84402-07-24 09:36 G | 32548461.79 | 32548461.90 | 32548462.00 | 0.3630 | 0.0390 |
| Mercury | 84408-02-07 01:12 G | 32550485.47 | 32550485.55 | 32550485.64 | 0.3630 | 0.1989 |
| Mercury | 84412-02-05 04:34 G | 32551944.54 | 32551944.69 | 32551944.84 | 0.3742 | 0.0407 |
| Mercury | 84453-08-14 15:22 G | 32567111.05 | 32567111.14 | 32567111.23 | 0.3629 | 0.1842 |
| Mercury | 84459-02-28 06:58 G | 32569134.69 | 32569134.79 | 32569134.90 | 0.3630 | 0.0497 |
| Mercury | 84464-09-12 22:48 G | 32571158.39 | 32571158.45 | 32571158.51 | 0.3630 | 0.2874 |
| Mercury | 84468-09-11 06:00 G | 32572617.65 | 32572617.75 | 32572617.85 | 0.3742 | 0.2817 |
| Mercury | 84504-09-05 21:08 G | 32585760.34 | 32585760.38 | 32585760.43 | 0.3629 | 0.3279 |
| Mercury | 84510-03-22 12:44 G | 32587783.93 | 32587784.03 | 32587784.13 | 0.3629 | 0.0979 |
| Mercury | 84515-10-06 04:34 G | 32589807.59 | 32589807.69 | 32589807.78 | 0.3630 | 0.1380 |
| Mercury | 84519-10-04 00:29 G | 32591266.40 | 32591266.52 | 32591266.64 | 0.3743 | 0.2074 |
| Mercury | 84561-04-12 18:29 G | 32606433.20 | 32606433.27 | 32606433.35 | 0.3629 | 0.2430 |
| Mercury | 84566-10-27 10:20 G | 32608456.82 | 32608456.93 | 32608457.03 | 0.3629 | 0.0181 |
| Mercury | 84572-05-12 01:56 G | 32610480.50 | 32610480.58 | 32610480.66 | 0.3630 | 0.2246 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 84576-05-10 01:56 G | 32611939.44 | 32611939.58 | 32611939.73 | 0.3743 | 0.0402 |
| Mercury | 84617-11-18 16:05 G | 32627106.07 | 32627106.17 | 32627106.26 | 0.3629 | 0.1566 |
| Mercury | 84623-06-04 07:41 G | 32629129.72 | 32629129.82 | 32629129.92 | 0.3629 | 0.0762 |
| Mercury | 84628-12-17 23:17 G | 32631153.42 | 32631153.47 | 32631153.52 | 0.3630 | 0.3134 |
| Mercury | 84632-12-16 03:22 G | 32632612.55 | 32632612.64 | 32632612.74 | 0.3743 | 0.2824 |
| Mercury | 84668-12-09 21:51 G | 32645755.36 | 32645755.41 | 32645755.47 | 0.3629 | 0.3001 |
| Mercury | 84674-06-25 13:27 G | 32647778.96 | 32647779.06 | 32647779.16 | 0.3629 | 0.0699 |
| Mercury | 84680-01-09 05:03 G | 32649802.62 | 32649802.71 | 32649802.81 | 0.3629 | 0.1641 |
| Mercury | 84684-01-06 21:51 G | 32651261.29 | 32651261.41 | 32651261.53 | 0.3743 | 0.2096 |
| Mercury | 84725-07-17 19:12 G | 32666428.22 | 32666428.30 | 32666428.39 | 0.3629 | 0.2145 |
| Mercury | 84731-01-31 10:48 G | 32668451.85 | 32668451.95 | 32668452.06 | 0.3629 | 0.0204 |
| Mercury | 84736-08-16 02:39 G | 32670475.53 | 32670475.61 | 32670475.68 | 0.3629 | 0.2525 |
| Mercury | 84740-08-13 23:32 G | 32671934.33 | 32671934.48 | 32671934.62 | 0.3743 | 0.0415 |
| Mercury | 84776-08-08 01:12 G | 32685077.53 | 32685077.55 | 32685077.57 | 0.3628 | 0.3564 |
| Mercury | 84782-02-21 16:48 G | 32687101.10 | 32687101.20 | 32687101.29 | 0.3629 | 0.1280 |
| Mercury | 84787-09-07 08:24 G | 32689124.75 | 32689124.85 | 32689124.95 | 0.3629 | 0.1047 |
| Mercury | 84793-03-23 00:00 G | 32691148.47 | 32691148.50 | 32691148.53 | 0.3629 | 0.3410 |
| Mercury | 84797-03-21 00:58 G | 32692607.45 | 32692607.54 | 32692607.63 | 0.3743 | 0.2850 |
| Mercury | 84833-03-14 22:34 G | 32705750.37 | 32705750.44 | 32705750.51 | 0.3628 | 0.2711 |
| Mercury | 84838-09-28 14:10 G | 32707773.99 | 32707774.09 | 32707774.19 | 0.3629 | 0.0418 |
| Mercury | 84844-04-13 05:46 G | 32709797.65 | 32709797.74 | 32709797.83 | 0.3629 | 0.1913 |
| Mercury | 84848-04-10 19:12 G | 32711256.18 | 32711256.30 | 32711256.42 | 0.3744 | 0.2122 |
| Mercury | 84889-10-19 19:56 G | 32726423.25 | 32726423.33 | 32726423.42 | 0.3628 | 0.1864 |
| Mercury | 84895-05-05 11:32 G | 32728446.88 | 32728446.98 | 32728447.08 | 0.3629 | 0.0438 |
| Mercury | 84900-11-19 03:08 G | 32730470.57 | 32730470.63 | 32730470.70 | 0.3629 | 0.2793 |
| Mercury | 84904-11-16 20:39 G | 32731929.21 | 32731929.36 | 32731929.51 | 0.3744 | 0.0349 |
| Mercury | 84940-11-11 01:56 G | 32745072.54 | 32745072.58 | 32745072.62 | 0.3628 | 0.3283 |
| Mercury | 84946-05-27 17:17 G | 32747096.12 | 32747096.22 | 32747096.32 | 0.3628 | 0.1024 |
| Mercury | 84951-12-11 08:53 G | 32749119.78 | 32749119.87 | 32749119.97 | 0.3629 | 0.1312 |
| Mercury | 84961-06-23 22:05 G | 32752602.33 | 32752602.42 | 32752602.52 | 0.3744 | 0.2795 |

Mercury 84997-06-17 23:17 G 32765745.39 32765745.47 32765745.55 0.3628 0.2440

86TH MILLENNIUM CE

This is a list of transits visible from Venus in the 86th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 85003-01-02 14:53 | G | 32767769.01 | 32767769.12 | 32767769.22 | 0.3628 | 0.0186 | |
| Mercury | 85008-07-18 06:29 | G | 32769792.69 | 32769792.77 | 32769792.85 | 0.3629 | 0.2184 | |
| Mercury | 85012-07-15 16:20 | G | 32771251.06 | 32771251.18 | 32771251.30 | 0.3744 | 0.2192 | |
| Mercury | 85054-01-23 20:39 | G | 32786418.27 | 32786418.36 | 32786418.46 | 0.3628 | 0.1590 | |
| Mercury | 85059-08-09 12:15 | G | 32788441.91 | 32788442.01 | 32788442.11 | 0.3628 | 0.0715 | |
| Mercury | 85065-02-22 03:51 | G | 32790465.61 | 32790465.66 | 32790465.72 | 0.3628 | 0.3063 | |
| Mercury | 85069-02-19 18:00 | G | 32791924.10 | 32791924.25 | 32791924.40 | 0.3744 | 0.0327 | |
| Mercury | 85105-02-15 02:39 | G | 32805067.55 | 32805067.61 | 32805067.67 | 0.3628 | 0.2999 | |
| Mercury | 85110-08-31 18:00 | G | 32807091.15 | 32807091.25 | 32807091.36 | 0.3628 | 0.0748 | |
| Mercury | 85116-03-16 09:36 | G | 32809114.81 | 32809114.90 | 32809115.00 | 0.3628 | 0.1590 | |
| Mercury | 85125-09-27 19:41 | G | 32812597.22 | 32812597.32 | 32812597.41 | 0.3744 | 0.2805 | |
| Mercury | 85161-09-22 00:00 | G | 32825740.42 | 32825740.50 | 32825740.58 | 0.3628 | 0.2157 | |
| Mercury | 85167-04-07 15:36 | G | 32827764.04 | 32827764.15 | 32827764.25 | 0.3628 | 0.0162 | |
| Mercury | 85172-10-21 07:12 | G | 32829787.72 | 32829787.80 | 32829787.87 | 0.3628 | 0.2454 | |
| Mercury | 85176-10-18 13:27 | G | 32831245.95 | 32831246.06 | 32831246.18 | 0.3745 | 0.2267 | |
| Mercury | 85212-10-13 06:00 | G | 32844389.73 | 32844389.75 | 32844389.76 | 0.3628 | 0.3564 | |
| Mercury | 85218-04-28 21:22 | G | 32846413.29 | 32846413.39 | 32846413.49 | 0.3628 | 0.1320 | |
| Mercury | 85223-11-12 12:58 | G | 32848436.94 | 32848437.04 | 32848437.14 | 0.3628 | 0.0984 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 85229-05-28 04:34 G | 32850460.65 | 32850460.69 | 32850460.73 | 0.3628 | 0.3310 |
| Mercury | 85233-05-25 15:08 G | 32851918.98 | 32851919.13 | 32851919.28 | 0.3745 | 0.0284 |
| Mercury | 85269-05-20 03:22 G | 32865062.57 | 32865062.64 | 32865062.70 | 0.3627 | 0.2738 |
| Mercury | 85274-12-03 18:44 G | 32867086.18 | 32867086.28 | 32867086.39 | 0.3628 | 0.0479 |
| Mercury | 85280-06-18 10:20 G | 32869109.84 | 32869109.93 | 32869110.02 | 0.3628 | 0.1840 |
| Mercury | 85289-12-30 17:03 G | 32872592.11 | 32872592.21 | 32872592.30 | 0.3744 | 0.2781 |
| Mercury | 85325-12-26 00:44 G | 32885735.44 | 32885735.53 | 32885735.62 | 0.3627 | 0.1894 |
| Mercury | 85331-07-11 16:20 G | 32887759.07 | 32887759.18 | 32887759.28 | 0.3628 | 0.0418 |
| Mercury | 85337-01-24 07:41 G | 32889782.76 | 32889782.82 | 32889782.89 | 0.3628 | 0.2710 |
| Mercury | 85341-01-21 10:48 G | 32891240.83 | 32891240.95 | 32891241.06 | 0.3745 | 0.2337 |
| Mercury | 85377-01-16 06:44 G | 32904384.74 | 32904384.78 | 32904384.82 | 0.3627 | 0.3298 |
| Mercury | 85382-08-01 22:05 G | 32906408.32 | 32906408.42 | 32906408.52 | 0.3627 | 0.1046 |
| Mercury | 85388-02-15 13:41 G | 32908431.97 | 32908432.07 | 32908432.17 | 0.3627 | 0.1253 |
| Mercury | 85393-08-31 05:17 G | 32910455.71 | 32910455.72 | 32910455.73 | 0.3628 | 0.3580 |
| Mercury | 85397-08-28 12:29 G | 32911913.87 | 32911914.02 | 32911914.17 | 0.3745 | 0.0262 |
| Mercury | 85433-08-24 04:05 G | 32925057.59 | 32925057.67 | 32925057.74 | 0.3627 | 0.2458 |
| Mercury | 85439-03-09 19:27 G | 32927081.21 | 32927081.31 | 32927081.42 | 0.3627 | 0.0235 |
| Mercury | 85444-09-22 11:03 G | 32929104.88 | 32929104.96 | 32929105.04 | 0.3627 | 0.2111 |
| Mercury | 85454-04-05 14:10 G | 32932587.00 | 32932587.09 | 32932587.19 | 0.3745 | 0.2763 |
| Mercury | 85490-03-31 01:27 G | 32945730.47 | 32945730.56 | 32945730.65 | 0.3627 | 0.1617 |
| Mercury | 85495-10-14 17:03 G | 32947754.10 | 32947754.21 | 32947754.31 | 0.3627 | 0.0676 |
| Mercury | 85501-04-30 08:24 G | 32949777.79 | 32949777.85 | 32949777.91 | 0.3628 | 0.2968 |
| Mercury | 85505-04-27 07:56 G | 32951235.72 | 32951235.83 | 32951235.95 | 0.3745 | 0.2398 |
| Mercury | 85541-04-22 07:27 G | 32964379.75 | 32964379.81 | 32964379.86 | 0.3627 | 0.3024 |
| Mercury | 85546-11-05 22:48 G | 32966403.35 | 32966403.45 | 32966403.55 | 0.3627 | 0.0775 |
| Mercury | 85552-05-21 14:24 G | 32968427.00 | 32968427.10 | 32968427.19 | 0.3627 | 0.1510 |
| Mercury | 85561-12-02 09:36 G | 32971908.75 | 32971908.90 | 32971909.05 | 0.3745 | 0.0170 |
| Mercury | 85597-11-27 04:48 G | 32985052.62 | 32985052.70 | 32985052.78 | 0.3627 | 0.2189 |
| Mercury | 85603-06-12 20:10 G | 32987076.24 | 32987076.34 | 32987076.45 | 0.3627 | 0.0089 |
| Mercury | 85608-12-26 11:46 G | 32989099.91 | 32989099.99 | 32989100.07 | 0.3627 | 0.2362 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 85618-07-09 11:17 G | 32992581.87 | 32992581.97 | 32992582.08 | 0.3745 | 0.2671 |
| Mercury | 85648-12-18 10:48 G | 33003701.94 | 33003701.95 | 33003701.96 | 0.3627 | 0.3586 |
| Mercury | 85654-07-04 02:10 G | 33005725.49 | 33005725.59 | 33005725.69 | 0.3627 | 0.1350 |
| Mercury | 85660-01-17 17:32 G | 33007749.13 | 33007749.23 | 33007749.33 | 0.3627 | 0.0929 |
| Mercury | 85665-08-02 09:08 G | 33009772.84 | 33009772.88 | 33009772.93 | 0.3627 | 0.3233 |
| Mercury | 85669-07-30 05:03 G | 33011230.60 | 33011230.71 | 33011230.82 | 0.3745 | 0.2490 |
| Mercury | 85705-07-26 08:10 G | 33024374.77 | 33024374.84 | 33024374.91 | 0.3627 | 0.2751 |
| Mercury | 85711-02-08 23:32 G | 33026398.38 | 33026398.48 | 33026398.58 | 0.3627 | 0.0510 |
| Mercury | 85716-08-24 15:08 G | 33028422.04 | 33028422.13 | 33028422.22 | 0.3627 | 0.1775 |
| Mercury | 85726-03-07 06:58 G | 33031903.64 | 33031903.79 | 33031903.94 | 0.3746 | 0.0124 |
| Mercury | 85762-03-02 05:32 G | 33045047.64 | 33045047.73 | 33045047.82 | 0.3627 | 0.1915 |
| Mercury | 85767-09-15 20:53 G | 33047071.27 | 33047071.37 | 33047071.48 | 0.3627 | 0.0358 |
| Mercury | 85773-03-31 12:29 G | 33049094.95 | 33049095.02 | 33049095.09 | 0.3627 | 0.2631 |
| Mercury | 85782-10-12 08:39 G | 33052576.75 | 33052576.86 | 33052576.97 | 0.3746 | 0.2627 |
| Mercury | 85813-03-24 11:32 G | 33063696.94 | 33063696.98 | 33063697.02 | 0.3626 | 0.3308 |
| Mercury | 85818-10-08 02:53 G | 33065720.52 | 33065720.62 | 33065720.72 | 0.3626 | 0.1078 |
| Mercury | 85824-04-22 18:15 G | 33067744.17 | 33067744.26 | 33067744.36 | 0.3627 | 0.1189 |
| Mercury | 85829-11-06 09:51 G | 33069767.89 | 33069767.91 | 33069767.94 | 0.3627 | 0.3491 |
| Mercury | 85833-11-03 02:10 G | 33071225.48 | 33071225.59 | 33071225.69 | 0.3746 | 0.2620 |
| Mercury | 85869-10-29 08:53 G | 33084369.80 | 33084369.87 | 33084369.95 | 0.3626 | 0.2482 |
| Mercury | 85875-05-15 00:15 G | 33086393.41 | 33086393.51 | 33086393.61 | 0.3626 | 0.0254 |
| Mercury | 85880-11-27 15:51 G | 33088417.07 | 33088417.16 | 33088417.24 | 0.3627 | 0.2034 |
| Mercury | 85890-06-10 03:51 G | 33091898.51 | 33091898.66 | 33091898.82 | 0.3746 | 0.0089 |
| Mercury | 85926-06-06 06:15 G | 33105042.67 | 33105042.76 | 33105042.85 | 0.3626 | 0.1660 |
| Mercury | 85931-12-20 21:36 G | 33107066.30 | 33107066.40 | 33107066.50 | 0.3626 | 0.0597 |
| Mercury | 85937-07-05 13:12 G | 33109089.99 | 33109090.05 | 33109090.11 | 0.3626 | 0.2882 |
| Mercury | 85947-01-16 05:46 G | 33112571.63 | 33112571.74 | 33112571.85 | 0.3746 | 0.2546 |
| Mercury | 85977-06-27 12:15 G | 33123691.96 | 33123692.01 | 33123692.07 | 0.3626 | 0.3049 |
| Mercury | 85983-01-11 03:36 G | 33125715.55 | 33125715.65 | 33125715.75 | 0.3626 | 0.0825 |
| Mercury | 85988-07-26 18:58 G | 33127739.20 | 33127739.29 | 33127739.39 | 0.3626 | 0.1449 |

Mercury 85998-02-05 23:03 G 33131220.36 33131220.46 33131220.57 0.3746 0.2732

87TH MILLENNIUM CE

This is a list of transits visible from Venus in the 87th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 86034-02-01 09:36 | G | 33144364.82 | 33144364.90 | 33144364.98 | 0.3626 | 0.2221 | |
| Mercury | 86039-08-18 00:58 | G | 33146388.44 | 33146388.54 | 33146388.65 | 0.3626 | 0.0112 | |
| Mercury | 86045-03-02 16:34 | G | 33148412.11 | 33148412.19 | 33148412.27 | 0.3626 | 0.2296 | |
| Mercury | 86054-09-13 01:12 | G | 33151893.39 | 33151893.55 | 33151893.70 | 0.3746 | 0.0125 | |
| Mercury | 86085-02-22 15:51 | G | 33163014.15 | 33163014.16 | 33163014.16 | 0.3626 | 0.3597 | |
| Mercury | 86090-09-08 06:58 | G | 33165037.70 | 33165037.79 | 33165037.89 | 0.3626 | 0.1390 | |
| Mercury | 86096-03-23 22:20 | G | 33167061.33 | 33167061.43 | 33167061.53 | 0.3626 | 0.0870 | |
| Mercury | 86101-10-08 13:56 | G | 33169085.03 | 33169085.08 | 33169085.13 | 0.3626 | 0.3143 | |
| Mercury | 86111-04-21 02:53 | G | 33172566.51 | 33172566.62 | 33172566.74 | 0.3746 | 0.2486 | |
| Mercury | 86141-09-30 12:58 | G | 33183686.98 | 33183687.04 | 33183687.11 | 0.3626 | 0.2780 | |
| Mercury | 86147-04-16 04:20 | G | 33185710.58 | 33185710.68 | 33185710.79 | 0.3626 | 0.0568 | |
| Mercury | 86152-10-29 19:56 | G | 33187734.23 | 33187734.33 | 33187734.42 | 0.3626 | 0.1707 | |
| Mercury | 86162-05-11 20:10 | G | 33191215.24 | 33191215.34 | 33191215.44 | 0.3747 | 0.2839 | |
| Mercury | 86198-05-07 10:20 | G | 33204359.85 | 33204359.93 | 33204360.02 | 0.3626 | 0.1962 | |
| Mercury | 86203-11-22 01:41 | G | 33206383.47 | 33206383.57 | 33206383.68 | 0.3626 | 0.0299 | |
| Mercury | 86209-06-06 17:03 | G | 33208407.14 | 33208407.21 | 33208407.29 | 0.3626 | 0.2539 | |
| Mercury | 86218-12-17 22:05 | G | 33211888.27 | 33211888.42 | 33211888.57 | 0.3747 | 0.0242 | |
| Mercury | 86249-05-29 16:34 | G | 33223009.15 | 33223009.19 | 33223009.22 | 0.3626 | 0.3346 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 86254-12-13 07:41 G | 33225032.73 | 33225032.82 | 33225032.92 | 0.3626 | 0.1137 |
| Mercury | 86260-06-27 23:03 G | 33227056.36 | 33227056.46 | 33227056.56 | 0.3626 | 0.1111 |
| Mercury | 86266-01-11 14:39 G | 33229080.07 | 33229080.11 | 33229080.14 | 0.3626 | 0.3382 |
| Mercury | 86275-07-25 00:00 G | 33232561.38 | 33232561.50 | 33232561.62 | 0.3747 | 0.2367 |
| Mercury | 86306-01-04 13:56 G | 33243682.00 | 33243682.08 | 33243682.15 | 0.3626 | 0.2525 |
| Mercury | 86311-07-21 05:03 G | 33245705.61 | 33245705.71 | 33245705.82 | 0.3626 | 0.0333 |
| Mercury | 86317-02-02 20:39 G | 33247729.27 | 33247729.36 | 33247729.44 | 0.3626 | 0.1956 |
| Mercury | 86326-08-15 17:03 G | 33251210.12 | 33251210.21 | 33251210.30 | 0.3747 | 0.2982 |
| Mercury | 86362-08-11 11:17 G | 33264354.88 | 33264354.97 | 33264355.06 | 0.3625 | 0.1698 |
| Mercury | 86368-02-25 02:24 G | 33266378.50 | 33266378.60 | 33266378.71 | 0.3625 | 0.0557 |
| Mercury | 86373-09-09 18:00 G | 33268402.18 | 33268402.25 | 33268402.31 | 0.3626 | 0.2794 |
| Mercury | 86383-03-22 19:12 G | 33271883.14 | 33271883.30 | 33271883.45 | 0.3747 | 0.0338 |
| Mercury | 86413-09-01 17:17 G | 33283004.17 | 33283004.22 | 33283004.27 | 0.3625 | 0.3072 |
| Mercury | 86419-03-18 08:39 G | 33285027.76 | 33285027.86 | 33285027.96 | 0.3625 | 0.0872 |
| Mercury | 86424-10-01 00:00 G | 33287051.40 | 33287051.50 | 33287051.59 | 0.3625 | 0.1377 |
| Mercury | 86439-10-27 21:08 G | 33292556.26 | 33292556.38 | 33292556.50 | 0.3747 | 0.2271 |
| Mercury | 86470-04-08 14:39 G | 33303677.03 | 33303677.11 | 33303677.19 | 0.3625 | 0.2253 |
| Mercury | 86475-10-23 06:00 G | 33305700.64 | 33305700.75 | 33305700.85 | 0.3625 | 0.0138 |
| Mercury | 86481-05-07 21:22 G | 33307724.30 | 33307724.39 | 33307724.47 | 0.3625 | 0.2206 |
| Mercury | 86490-11-17 13:56 G | 33311205.00 | 33311205.08 | 33311205.16 | 0.3747 | 0.3170 |
| Mercury | 86526-11-14 12:00 G | 33324349.90 | 33324350.00 | 33324350.09 | 0.3625 | 0.1434 |
| Mercury | 86532-05-30 03:08 G | 33326373.53 | 33326373.63 | 33326373.74 | 0.3625 | 0.0797 |
| Mercury | 86537-12-13 18:44 G | 33328397.22 | 33328397.28 | 33328397.33 | 0.3625 | 0.3041 |
| Mercury | 86547-06-25 16:05 G | 33331878.02 | 33331878.17 | 33331878.32 | 0.3747 | 0.0487 |
| Mercury | 86577-12-05 18:00 G | 33342999.19 | 33342999.25 | 33342999.31 | 0.3625 | 0.2812 |
| Mercury | 86583-06-21 09:22 G | 33345022.78 | 33345022.89 | 33345022.99 | 0.3625 | 0.0637 |
| Mercury | 86589-01-04 00:44 G | 33347046.43 | 33347046.53 | 33347046.62 | 0.3625 | 0.1620 |
| Mercury | 86604-01-31 18:00 G | 33352551.13 | 33352551.25 | 33352551.38 | 0.3747 | 0.2149 |
| Mercury | 86634-07-13 15:22 G | 33363672.05 | 33363672.14 | 33363672.22 | 0.3625 | 0.1998 |
| Mercury | 86640-01-27 06:44 G | 33365695.67 | 33365695.78 | 33365695.88 | 0.3625 | 0.0239 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 86645-08-11 22:05 G | 33367719.34 | 33367719.42 | 33367719.49 | 0.3625 | 0.2453 |
| Mercury | 86655-02-21 10:48 G | 33371199.88 | 33371199.95 | 33371200.02 | 0.3747 | 0.3311 |
| Mercury | 86685-08-03 21:36 G | 33382321.36 | 33382321.40 | 33382321.43 | 0.3625 | 0.3366 |
| Mercury | 86691-02-17 12:44 G | 33384344.93 | 33384345.03 | 33384345.13 | 0.3625 | 0.1180 |
| Mercury | 86696-09-02 04:05 G | 33386368.57 | 33386368.67 | 33386368.77 | 0.3625 | 0.1041 |
| Mercury | 86702-03-19 19:27 G | 33388392.27 | 33388392.31 | 33388392.35 | 0.3625 | 0.3291 |
| Mercury | 86711-09-29 12:58 G | 33391872.89 | 33391873.04 | 33391873.19 | 0.3748 | 0.0607 |
| Mercury | 86742-03-11 18:44 G | 33402994.21 | 33402994.28 | 33402994.36 | 0.3625 | 0.2551 |
| Mercury | 86747-09-25 10:05 G | 33405017.82 | 33405017.92 | 33405018.02 | 0.3625 | 0.0362 |
| Mercury | 86753-04-10 01:27 G | 33407041.47 | 33407041.56 | 33407041.65 | 0.3625 | 0.1871 |
| Mercury | 86768-05-05 15:08 G | 33412546.00 | 33412546.13 | 33412546.26 | 0.3748 | 0.2046 |
| Mercury | 86798-10-16 16:05 G | 33423667.08 | 33423667.17 | 33423667.26 | 0.3625 | 0.1740 |
| Mercury | 86804-05-01 07:27 G | 33425690.71 | 33425690.81 | 33425690.91 | 0.3625 | 0.0464 |
| Mercury | 86809-11-14 22:48 G | 33427714.38 | 33427714.45 | 33427714.52 | 0.3625 | 0.2701 |
| Mercury | 86819-05-27 07:41 G | 33431194.77 | 33431194.82 | 33431194.88 | 0.3748 | 0.3464 |
| Mercury | 86849-11-06 22:20 G | 33442316.38 | 33442316.43 | 33442316.48 | 0.3625 | 0.3103 |
| Mercury | 86855-05-23 13:27 G | 33444339.96 | 33444340.06 | 33444340.16 | 0.3625 | 0.0933 |
| Mercury | 86860-12-06 04:48 G | 33446363.60 | 33446363.70 | 33446363.79 | 0.3625 | 0.1287 |
| Mercury | 86866-06-21 20:10 G | 33448387.32 | 33448387.34 | 33448387.36 | 0.3625 | 0.3522 |
| Mercury | 86876-01-01 09:51 G | 33451867.76 | 33451867.91 | 33451868.06 | 0.3748 | 0.0784 |
| Mercury | 86906-06-14 19:27 G | 33462989.24 | 33462989.31 | 33462989.39 | 0.3625 | 0.2312 |
| Mercury | 86911-12-29 10:48 G | 33465012.85 | 33465012.95 | 33465013.05 | 0.3625 | 0.0115 |
| Mercury | 86917-07-14 02:10 G | 33467036.51 | 33467036.59 | 33467036.67 | 0.3624 | 0.2108 |
| Mercury | 86932-08-08 12:00 G | 33472540.87 | 33472541.00 | 33472541.13 | 0.3748 | 0.1878 |
| Mercury | 86963-01-19 16:48 G | 33483662.11 | 33483662.20 | 33483662.30 | 0.3624 | 0.1500 |
| Mercury | 86968-08-04 08:10 G | 33485685.74 | 33485685.84 | 33485685.94 | 0.3624 | 0.0713 |
| Mercury | 86974-02-17 23:32 G | 33487709.42 | 33487709.48 | 33487709.54 | 0.3624 | 0.2938 |
| Mercury | 86983-08-30 04:34 G | 33491189.66 | 33491189.69 | 33491189.72 | 0.3748 | 0.3645 |

88TH MILLENNIUM CE

This is a list of transits visible from Venus in the 88th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 87014-02-10 23:03 | G | 33502311.40 | 33502311.46 | 33502311.52 | 0.3624 | 0.2852 | |
| Mercury | 87019-08-27 14:10 | G | 33504334.99 | 33504335.09 | 33504335.20 | 0.3624 | 0.0692 | |
| Mercury | 87025-03-12 05:32 | G | 33506358.64 | 33506358.73 | 33506358.82 | 0.3624 | 0.1538 | |
| Mercury | 87040-04-06 06:44 | G | 33511862.63 | 33511862.78 | 33511862.93 | 0.3748 | 0.0921 | |
| Mercury | 87070-09-17 20:24 | G | 33522984.27 | 33522984.35 | 33522984.43 | 0.3624 | 0.2044 | |
| Mercury | 87076-04-02 11:32 | G | 33525007.88 | 33525007.98 | 33525008.09 | 0.3624 | 0.0203 | |
| Mercury | 87081-10-17 02:53 | G | 33527031.54 | 33527031.62 | 33527031.70 | 0.3624 | 0.2359 | |
| Mercury | 87096-11-11 08:53 | G | 33532535.73 | 33532535.87 | 33532536.00 | 0.3748 | 0.1712 | |
| Mercury | 87121-10-10 02:39 | G | 33541633.57 | 33541633.61 | 33541633.64 | 0.3624 | 0.3400 | |
| Mercury | 87127-04-25 17:46 | G | 33543657.14 | 33543657.24 | 33543657.33 | 0.3624 | 0.1241 | |
| Mercury | 87132-11-08 08:53 | G | 33545680.77 | 33545680.87 | 33545680.97 | 0.3624 | 0.0970 | |
| Mercury | 87138-05-25 00:15 | G | 33547704.46 | 33547704.51 | 33547704.56 | 0.3624 | 0.3175 | |
| Mercury | 87178-05-16 23:46 | G | 33562306.42 | 33562306.49 | 33562306.56 | 0.3624 | 0.2605 | |
| Mercury | 87183-11-30 15:08 | G | 33564330.02 | 33564330.13 | 33564330.23 | 0.3624 | 0.0437 | |
| Mercury | 87189-06-15 06:15 | G | 33566353.67 | 33566353.76 | 33566353.85 | 0.3624 | 0.1768 | |
| Mercury | 87204-07-10 03:22 | G | 33571857.50 | 33571857.64 | 33571857.79 | 0.3748 | 0.1155 | |
| Mercury | 87234-12-21 21:08 | G | 33582979.29 | 33582979.38 | 33582979.47 | 0.3624 | 0.1799 | |
| Mercury | 87240-07-06 12:15 | G | 33585002.91 | 33585003.01 | 33585003.12 | 0.3624 | 0.0410 | |
| Mercury | 87246-01-20 03:36 | G | 33587026.58 | 33587026.65 | 33587026.72 | 0.3624 | 0.2589 | |
| Mercury | 87261-02-14 05:46 | G | 33592530.60 | 33592530.74 | 33592530.88 | 0.3749 | 0.1558 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 87286-01-12 03:22 G | 33601628.59 | 33601628.64 | 33601628.69 | 0.3624 | 0.3154 |
| Mercury | 87291-07-28 18:29 G | 33603652.17 | 33603652.27 | 33603652.37 | 0.3624 | 0.0989 |
| Mercury | 87297-02-10 09:51 G | 33605675.81 | 33605675.91 | 33605676.00 | 0.3624 | 0.1209 |
| Mercury | 87302-08-28 00:58 G | 33607699.51 | 33607699.54 | 33607699.57 | 0.3624 | 0.3423 |
| Mercury | 87342-08-20 00:44 G | 33622301.45 | 33622301.53 | 33622301.60 | 0.3624 | 0.2351 |
| Mercury | 87348-03-04 15:51 G | 33624325.06 | 33624325.16 | 33624325.26 | 0.3624 | 0.0178 |
| Mercury | 87353-09-18 06:58 G | 33626348.71 | 33626348.79 | 33626348.88 | 0.3624 | 0.2020 |
| Mercury | 87368-10-13 00:15 G | 33631852.37 | 33631852.51 | 33631852.66 | 0.3749 | 0.1320 |
| Mercury | 87399-03-26 22:05 G | 33642974.32 | 33642974.42 | 33642974.51 | 0.3624 | 0.1548 |
| Mercury | 87404-10-10 13:12 G | 33644997.95 | 33644998.05 | 33644998.15 | 0.3624 | 0.0634 |
| Mercury | 87410-04-26 04:20 G | 33647021.62 | 33647021.68 | 33647021.75 | 0.3624 | 0.2841 |
| Mercury | 87425-05-21 02:39 G | 33652525.47 | 33652525.61 | 33652525.75 | 0.3749 | 0.1412 |
| Mercury | 87450-04-18 04:05 G | 33661623.61 | 33661623.67 | 33661623.73 | 0.3624 | 0.2897 |
| Mercury | 87455-11-01 19:12 G | 33663647.20 | 33663647.30 | 33663647.40 | 0.3624 | 0.0751 |
| Mercury | 87461-05-17 10:34 G | 33665670.84 | 33665670.94 | 33665671.03 | 0.3624 | 0.1443 |
| Mercury | 87506-11-24 01:27 G | 33682296.48 | 33682296.56 | 33682296.64 | 0.3624 | 0.2099 |
| Mercury | 87512-06-08 16:34 G | 33684320.09 | 33684320.19 | 33684320.29 | 0.3624 | 0.0071 |
| Mercury | 87517-12-23 07:56 G | 33686343.75 | 33686343.83 | 33686343.91 | 0.3624 | 0.2256 |
| Mercury | 87533-01-16 21:08 G | 33691847.24 | 33691847.38 | 33691847.52 | 0.3749 | 0.1525 |
| Mercury | 87557-12-15 07:41 G | 33700945.79 | 33700945.82 | 33700945.85 | 0.3624 | 0.3446 |
| Mercury | 87563-06-30 22:48 G | 33702969.35 | 33702969.45 | 33702969.54 | 0.3624 | 0.1309 |
| Mercury | 87569-01-13 13:56 G | 33704992.98 | 33704993.08 | 33704993.18 | 0.3624 | 0.0866 |
| Mercury | 87574-07-30 05:17 G | 33707016.66 | 33707016.72 | 33707016.77 | 0.3623 | 0.3073 |
| Mercury | 87589-08-23 23:17 G | 33712520.33 | 33712520.47 | 33712520.62 | 0.3749 | 0.1211 |
| Mercury | 87614-07-22 04:48 G | 33721618.64 | 33721618.70 | 33721618.77 | 0.3624 | 0.2659 |
| Mercury | 87620-02-04 20:10 G | 33723642.23 | 33723642.34 | 33723642.44 | 0.3623 | 0.0524 |
| Mercury | 87625-08-20 11:17 G | 33725665.88 | 33725665.97 | 33725666.06 | 0.3623 | 0.1680 |
| Mercury | 87671-02-26 02:10 G | 33742291.51 | 33742291.59 | 33742291.68 | 0.3624 | 0.1860 |
| Mercury | 87676-09-10 17:32 G | 33744315.12 | 33744315.23 | 33744315.33 | 0.3623 | 0.0336 |
| Mercury | 87682-03-27 08:39 G | 33746338.79 | 33746338.86 | 33746338.93 | 0.3623 | 0.2498 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 87697-04-20 17:46 G | 33751842.11 | 33751842.24 | 33751842.38 | 0.3749 | 0.1706 |
| Mercury | 87722-03-20 08:24 G | 33760940.81 | 33760940.85 | 33760940.90 | 0.3624 | 0.3193 |
| Mercury | 87727-10-03 23:32 G | 33762964.38 | 33762964.48 | 33762964.58 | 0.3623 | 0.1056 |
| Mercury | 87733-04-18 14:39 G | 33764988.02 | 33764988.11 | 33764988.21 | 0.3623 | 0.1122 |
| Mercury | 87738-11-02 06:00 G | 33767011.71 | 33767011.75 | 33767011.79 | 0.3623 | 0.3311 |
| Mercury | 87753-11-26 19:56 G | 33772515.18 | 33772515.33 | 33772515.48 | 0.3749 | 0.0989 |
| Mercury | 87778-10-25 05:46 G | 33781613.66 | 33781613.74 | 33781613.82 | 0.3624 | 0.2401 |
| Mercury | 87784-05-09 20:53 G | 33783637.27 | 33783637.37 | 33783637.47 | 0.3623 | 0.0258 |
| Mercury | 87789-11-23 12:00 G | 33785660.92 | 33785661.00 | 33785661.09 | 0.3623 | 0.1926 |
| Mercury | 87810-07-04 22:20 G | 33793188.41 | 33793188.43 | 33793188.45 | 0.3750 | 0.3691 |
| Mercury | 87835-06-02 03:08 G | 33802286.54 | 33802286.63 | 33802286.72 | 0.3624 | 0.1621 |
| Mercury | 87840-12-15 18:15 G | 33804310.16 | 33804310.26 | 33804310.36 | 0.3623 | 0.0545 |
| Mercury | 87846-07-01 09:22 G | 33806333.82 | 33806333.89 | 33806333.96 | 0.3623 | 0.2719 |
| Mercury | 87861-07-25 14:24 G | 33811836.97 | 33811837.10 | 33811837.23 | 0.3749 | 0.1991 |
| Mercury | 87886-06-23 09:08 G | 33820935.83 | 33820935.88 | 33820935.94 | 0.3624 | 0.2965 |
| Mercury | 87892-01-07 00:15 G | 33822959.41 | 33822959.51 | 33822959.61 | 0.3623 | 0.0835 |
| Mercury | 87897-07-22 15:36 G | 33824983.05 | 33824983.15 | 33824983.24 | 0.3623 | 0.1347 |
| Mercury | 87903-02-06 06:44 G | 33827006.76 | 33827006.78 | 33827006.80 | 0.3623 | 0.3530 |
| Mercury | 87918-03-02 16:48 G | 33832510.05 | 33832510.20 | 33832510.35 | 0.3749 | 0.0784 |
| Mercury | 87943-01-29 06:29 G | 33841608.69 | 33841608.77 | 33841608.85 | 0.3623 | 0.2170 |
| Mercury | 87948-08-13 21:36 G | 33843632.30 | 33843632.40 | 33843632.51 | 0.3623 | 0.0133 |
| Mercury | 87954-02-27 12:58 G | 33845655.95 | 33845656.04 | 33845656.12 | 0.3623 | 0.2155 |
| Mercury | 87974-10-07 19:12 G | 33853183.25 | 33853183.30 | 33853183.35 | 0.3750 | 0.3518 |
| Mercury | 87994-02-19 12:44 G | 33860258.01 | 33860258.03 | 33860258.06 | 0.3623 | 0.3499 |
| Mercury | 87999-09-05 03:51 G | 33862281.57 | 33862281.66 | 33862281.76 | 0.3623 | 0.1371 |

89TH MILLENNIUM CE

This is a list of transits visible from Venus in the 89th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 88005-03-20 18:58 | G | 33864305.19 | 33864305.29 | 33864305.39 | 0.3623 | 0.0787 | |
| Mercury | 88010-10-04 10:20 | G | 33866328.87 | 33866328.93 | 33866328.98 | 0.3623 | 0.2963 | |
| Mercury | 88025-10-28 11:03 | G | 33871831.84 | 33871831.96 | 33871832.09 | 0.3750 | 0.2198 | |
| Mercury | 88050-09-26 10:05 | G | 33880930.85 | 33880930.92 | 33880930.99 | 0.3623 | 0.2710 | |
| Mercury | 88056-04-11 01:12 | G | 33882954.45 | 33882954.55 | 33882954.65 | 0.3623 | 0.0573 | |
| Mercury | 88061-10-25 16:20 | G | 33884978.09 | 33884978.18 | 33884978.27 | 0.3623 | 0.1585 | |
| Mercury | 88082-06-04 13:27 | G | 33892504.91 | 33892505.06 | 33892505.22 | 0.3750 | 0.0576 | |
| Mercury | 88107-05-04 07:27 | G | 33901603.72 | 33901603.81 | 33901603.89 | 0.3623 | 0.1923 | |
| Mercury | 88112-11-16 22:34 | G | 33903627.34 | 33903627.44 | 33903627.54 | 0.3623 | 0.0234 | |
| Mercury | 88118-06-02 13:41 | G | 33905650.99 | 33905651.07 | 33905651.14 | 0.3623 | 0.2379 | |
| Mercury | 88139-01-10 15:51 | G | 33913178.08 | 33913178.16 | 33913178.23 | 0.3750 | 0.3278 | |
| Mercury | 88158-05-25 13:41 | G | 33920253.03 | 33920253.07 | 33920253.11 | 0.3623 | 0.3260 | |
| Mercury | 88163-12-09 04:48 | G | 33922276.60 | 33922276.70 | 33922276.79 | 0.3623 | 0.1140 | |
| Mercury | 88169-06-23 19:41 | G | 33924300.23 | 33924300.32 | 33924300.42 | 0.3623 | 0.1018 | |
| Mercury | 88175-01-07 11:03 | G | 33926323.91 | 33926323.96 | 33926324.00 | 0.3623 | 0.3183 | |
| Mercury | 88190-01-31 07:41 | G | 33931826.70 | 33931826.82 | 33931826.94 | 0.3750 | 0.2453 | |
| Mercury | 88214-12-31 10:48 | G | 33940925.88 | 33940925.95 | 33940926.03 | 0.3623 | 0.2475 | |
| Mercury | 88220-07-16 01:56 | G | 33942949.48 | 33942949.58 | 33942949.68 | 0.3623 | 0.0354 | |
| Mercury | 88226-01-29 17:03 | G | 33944973.12 | 33944973.21 | 33944973.30 | 0.3623 | 0.1809 | |
| Mercury | 88246-09-08 10:05 | G | 33952499.77 | 33952499.92 | 33952500.08 | 0.3750 | 0.0339 | |
| Mercury | 88271-08-07 08:10 | G | 33961598.75 | 33961598.84 | 33961598.93 | 0.3623 | 0.1685 | |
| Mercury | 88277-02-19 23:17 | G | 33963622.37 | 33963622.47 | 33963622.57 | 0.3623 | 0.0447 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 88282-09-05 14:24 G | 33965646.03 | 33965646.10 | 33965646.17 | 0.3622 | 0.2615 |
| Mercury | 88303-04-16 12:44 G | 33973172.94 | 33973173.03 | 33973173.11 | 0.3750 | 0.3102 |
| Mercury | 88322-08-29 14:24 G | 33980248.05 | 33980248.10 | 33980248.16 | 0.3623 | 0.3014 |
| Mercury | 88328-03-14 05:32 G | 33982271.63 | 33982271.73 | 33982271.83 | 0.3623 | 0.0895 |
| Mercury | 88333-09-27 20:39 G | 33984295.26 | 33984295.36 | 33984295.46 | 0.3623 | 0.1245 |
| Mercury | 88339-04-13 11:46 G | 33986318.96 | 33986318.99 | 33986319.02 | 0.3622 | 0.3417 |
| Mercury | 88354-05-07 04:20 G | 33991821.57 | 33991821.68 | 33991821.79 | 0.3750 | 0.2699 |
| Mercury | 88379-04-05 11:46 G | 34000920.91 | 34000920.99 | 34000921.07 | 0.3623 | 0.2226 |
| Mercury | 88384-10-19 02:53 G | 34002944.51 | 34002944.62 | 34002944.72 | 0.3623 | 0.0143 |
| Mercury | 88390-05-04 18:00 G | 34004968.16 | 34004968.25 | 34004968.33 | 0.3622 | 0.2045 |
| Mercury | 88410-12-12 06:44 G | 34012494.62 | 34012494.78 | 34012494.93 | 0.3750 | 0.0084 |
| Mercury | 88430-04-26 18:00 G | 34019570.23 | 34019570.25 | 34019570.27 | 0.3623 | 0.3553 |
| Mercury | 88435-11-10 09:08 G | 34021593.78 | 34021593.88 | 34021593.97 | 0.3623 | 0.1446 |
| Mercury | 88441-05-26 00:00 G | 34023617.40 | 34023617.50 | 34023617.61 | 0.3623 | 0.0701 |
| Mercury | 88446-12-09 15:22 G | 34025641.08 | 34025641.14 | 34025641.20 | 0.3622 | 0.2842 |
| Mercury | 88467-07-19 09:08 G | 34033167.78 | 34033167.88 | 34033167.98 | 0.3750 | 0.2834 |
| Mercury | 88486-12-01 15:22 G | 34040243.07 | 34040243.14 | 34040243.20 | 0.3623 | 0.2774 |
| Mercury | 88492-06-16 06:15 G | 34042266.66 | 34042266.76 | 34042266.86 | 0.3623 | 0.0677 |
| Mercury | 88497-12-30 21:22 G | 34044290.30 | 34044290.39 | 34044290.49 | 0.3622 | 0.1476 |
| Mercury | 88518-08-10 00:44 G | 34051816.44 | 34051816.53 | 34051816.62 | 0.3750 | 0.3020 |
| Mercury | 88543-07-09 12:29 G | 34060915.94 | 34060916.02 | 34060916.11 | 0.3623 | 0.2005 |
| Mercury | 88549-01-22 03:36 G | 34062939.55 | 34062939.65 | 34062939.75 | 0.3623 | 0.0122 |
| Mercury | 88554-08-07 18:44 G | 34064963.20 | 34064963.28 | 34064963.36 | 0.3622 | 0.2265 |
| Mercury | 88575-03-17 03:22 G | 34072489.48 | 34072489.64 | 34072489.80 | 0.3750 | 0.0183 |
| Mercury | 88594-07-30 18:44 G | 34079565.25 | 34079565.28 | 34079565.32 | 0.3623 | 0.3324 |
| Mercury | 88600-02-13 09:51 G | 34081588.81 | 34081588.91 | 34081589.01 | 0.3623 | 0.1221 |
| Mercury | 88605-08-30 00:58 G | 34083612.44 | 34083612.54 | 34083612.64 | 0.3622 | 0.0913 |
| Mercury | 88611-03-15 16:05 G | 34085636.12 | 34085636.17 | 34085636.22 | 0.3622 | 0.3060 |
| Mercury | 88631-10-23 05:46 G | 34093162.63 | 34093162.74 | 34093162.86 | 0.3751 | 0.2617 |
| Mercury | 88651-03-07 16:05 G | 34100238.10 | 34100238.17 | 34100238.24 | 0.3623 | 0.2542 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 88656-09-20 07:12 G | 34102261.70 | 34102261.80 | 34102261.90 | 0.3622 | 0.0436 |
| Mercury | 88662-04-05 22:20 G | 34104285.34 | 34104285.43 | 34104285.52 | 0.3622 | 0.1707 |
| Mercury | 88682-11-12 21:22 G | 34111811.31 | 34111811.39 | 34111811.46 | 0.3750 | 0.3275 |
| Mercury | 88707-10-13 13:27 G | 34120910.97 | 34120911.06 | 34120911.15 | 0.3623 | 0.1762 |
| Mercury | 88713-04-28 04:34 G | 34122934.58 | 34122934.69 | 34122934.79 | 0.3622 | 0.0374 |
| Mercury | 88718-11-11 19:41 G | 34124958.24 | 34124958.32 | 34124958.39 | 0.3622 | 0.2499 |
| Mercury | 88739-06-20 23:46 G | 34132484.34 | 34132484.49 | 34132484.65 | 0.3750 | 0.0453 |
| Mercury | 88758-11-03 19:41 G | 34139560.27 | 34139560.32 | 34139560.37 | 0.3623 | 0.3078 |
| Mercury | 88764-05-19 10:48 G | 34141583.85 | 34141583.95 | 34141584.04 | 0.3623 | 0.0998 |
| Mercury | 88769-12-03 01:41 G | 34143607.48 | 34143607.57 | 34143607.67 | 0.3622 | 0.1152 |
| Mercury | 88775-06-18 16:48 G | 34145631.16 | 34145631.20 | 34145631.24 | 0.3622 | 0.3278 |
| Mercury | 88796-01-26 02:24 G | 34153157.48 | 34153157.60 | 34153157.72 | 0.3751 | 0.2341 |
| Mercury | 88815-06-10 17:03 G | 34160233.13 | 34160233.21 | 34160233.28 | 0.3623 | 0.2316 |
| Mercury | 88820-12-24 07:55 G | 34162256.73 | 34162256.83 | 34162256.94 | 0.3622 | 0.0232 |
| Mercury | 88826-07-09 23:03 G | 34164280.37 | 34164280.46 | 34164280.55 | 0.3622 | 0.1916 |
| Mercury | 88847-02-15 17:46 G | 34171806.19 | 34171806.24 | 34171806.28 | 0.3750 | 0.3572 |
| Mercury | 88872-01-15 14:10 G | 34180906.00 | 34180906.09 | 34180906.18 | 0.3623 | 0.1540 |
| Mercury | 88877-07-31 05:17 G | 34182929.62 | 34182929.72 | 34182929.82 | 0.3622 | 0.0575 |
| Mercury | 88883-02-13 20:24 G | 34184953.28 | 34184953.35 | 34184953.41 | 0.3622 | 0.2706 |
| Mercury | 88903-09-23 20:24 G | 34192479.20 | 34192479.35 | 34192479.51 | 0.3750 | 0.0712 |
| Mercury | 88923-02-06 20:24 G | 34199555.29 | 34199555.35 | 34199555.42 | 0.3623 | 0.2860 |
| Mercury | 88928-08-22 11:31 G | 34201578.88 | 34201578.98 | 34201579.08 | 0.3622 | 0.0756 |
| Mercury | 88934-03-08 02:39 G | 34203602.51 | 34203602.61 | 34203602.70 | 0.3622 | 0.1362 |
| Mercury | 88939-09-21 17:46 G | 34205626.22 | 34205626.24 | 34205626.26 | 0.3622 | 0.3503 |
| Mercury | 88960-04-29 23:03 G | 34213152.33 | 34213152.46 | 34213152.59 | 0.3751 | 0.2102 |
| Mercury | 88979-09-13 17:46 G | 34220228.16 | 34220228.24 | 34220228.32 | 0.3623 | 0.2079 |
| Mercury | 88985-03-29 08:53 G | 34222251.77 | 34222251.87 | 34222251.97 | 0.3622 | 0.0060 |
| Mercury | 88990-10-13 00:00 G | 34224275.41 | 34224275.50 | 34224275.58 | 0.3622 | 0.2151 |

90TH MILLENNIUM CE

This is a list of transits visible from Venus in the 90th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 89030-10-06 00:00 G | 34238877.47 | 34238877.50 | 34238877.54 | 0.3623 | 0.3392 | | |
| Mercury | 89036-04-20 15:07 G | 34240901.03 | 34240901.13 | 34240901.22 | 0.3622 | 0.1300 | | |
| Mercury | 89041-11-04 06:15 G | 34242924.66 | 34242924.76 | 34242924.86 | 0.3622 | 0.0819 | | |
| Mercury | 89047-05-20 21:07 G | 34244948.33 | 34244948.38 | 34244948.44 | 0.3622 | 0.2935 | | |
| Mercury | 89067-12-27 16:48 G | 34252474.05 | 34252474.20 | 34252474.35 | 0.3751 | 0.1051 | | |
| Mercury | 89087-05-12 21:22 G | 34259550.32 | 34259550.39 | 34259550.46 | 0.3623 | 0.2620 | | |
| Mercury | 89092-11-25 12:29 G | 34261573.92 | 34261574.02 | 34261574.12 | 0.3622 | 0.0537 | | |
| Mercury | 89098-06-11 03:22 G | 34263597.55 | 34263597.64 | 34263597.73 | 0.3622 | 0.1581 | | |
| Mercury | 89124-08-03 19:27 G | 34273147.17 | 34273147.31 | 34273147.45 | 0.3751 | 0.1766 | | |
| Mercury | 89143-12-18 18:43 G | 34280223.19 | 34280223.28 | 34280223.36 | 0.3623 | 0.1852 | | |
| Mercury | 89149-07-03 09:36 G | 34282246.80 | 34282246.90 | 34282247.00 | 0.3622 | 0.0249 | | |
| Mercury | 89155-01-17 00:43 G | 34284270.45 | 34284270.53 | 34284270.61 | 0.3622 | 0.2362 | | |
| Mercury | 89195-01-09 00:58 G | 34298872.49 | 34298872.54 | 34298872.59 | 0.3623 | 0.3161 | | |
| Mercury | 89200-07-24 15:51 G | 34300896.07 | 34300896.16 | 34300896.26 | 0.3622 | 0.1089 | | |
| Mercury | 89206-02-07 06:58 G | 34302919.69 | 34302919.79 | 34302919.89 | 0.3622 | 0.1019 | | |
| Mercury | 89211-08-23 22:05 G | 34304943.37 | 34304943.42 | 34304943.47 | 0.3621 | 0.3148 | | |
| Mercury | 89232-03-31 13:12 G | 34312468.90 | 34312469.05 | 34312469.20 | 0.3751 | 0.1343 | | |
| Mercury | 89251-08-15 22:19 G | 34319545.35 | 34319545.43 | 34319545.50 | 0.3622 | 0.2400 | | |
| Mercury | 89257-02-28 13:12 G | 34321568.95 | 34321569.05 | 34321569.15 | 0.3622 | 0.0309 | | |
| Mercury | 89262-09-14 04:19 G | 34323592.59 | 34323592.68 | 34323592.77 | 0.3622 | 0.1804 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 89288-11-05 16:05 G | 34333142.02 | 34333142.17 | 34333142.31 | 0.3751 | 0.1518 |
| Mercury | 89308-03-22 19:27 G | 34340218.22 | 34340218.31 | 34340218.40 | 0.3622 | 0.1627 |
| Mercury | 89313-10-06 10:34 G | 34342241.84 | 34342241.94 | 34342242.04 | 0.3622 | 0.0471 |
| Mercury | 89319-04-22 01:41 G | 34344265.50 | 34344265.57 | 34344265.64 | 0.3621 | 0.2590 |
| Mercury | 89359-04-14 01:55 G | 34358867.52 | 34358867.58 | 34358867.63 | 0.3623 | 0.2931 |
| Mercury | 89364-10-27 16:48 G | 34360891.10 | 34360891.20 | 34360891.30 | 0.3622 | 0.0851 |
| Mercury | 89370-05-13 07:41 G | 34362914.73 | 34362914.82 | 34362914.92 | 0.3622 | 0.1257 |
| Mercury | 89375-11-26 22:48 G | 34364938.42 | 34364938.45 | 34364938.49 | 0.3621 | 0.3369 |
| Mercury | 89396-07-04 09:36 G | 34372463.76 | 34372463.90 | 34372464.04 | 0.3751 | 0.1656 |
| Mercury | 89415-11-19 23:03 G | 34379540.38 | 34379540.46 | 34379540.54 | 0.3622 | 0.2166 |
| Mercury | 89421-06-04 14:10 G | 34381563.98 | 34381564.09 | 34381564.19 | 0.3622 | 0.0154 |
| Mercury | 89426-12-19 05:03 G | 34383587.63 | 34383587.71 | 34383587.80 | 0.3621 | 0.2026 |
| Mercury | 89453-02-09 12:29 G | 34393136.87 | 34393137.02 | 34393137.17 | 0.3751 | 0.1212 |
| Mercury | 89466-12-11 05:31 G | 34398189.70 | 34398189.73 | 34398189.75 | 0.3623 | 0.3468 |
| Mercury | 89472-06-25 20:24 G | 34400213.25 | 34400213.35 | 34400213.44 | 0.3622 | 0.1408 |
| Mercury | 89478-01-09 11:17 G | 34402236.87 | 34402236.97 | 34402237.07 | 0.3622 | 0.0693 |
| Mercury | 89483-07-26 02:24 G | 34404260.54 | 34404260.60 | 34404260.66 | 0.3621 | 0.2791 |
| Mercury | 89523-07-19 02:39 G | 34418862.54 | 34418862.61 | 34418862.68 | 0.3622 | 0.2715 |
| Mercury | 89529-01-31 17:31 G | 34420886.13 | 34420886.23 | 34420886.33 | 0.3622 | 0.0653 |
| Mercury | 89534-08-17 08:39 G | 34422909.77 | 34422909.86 | 34422909.95 | 0.3621 | 0.1456 |
| Mercury | 89540-03-01 23:46 G | 34424933.47 | 34424933.49 | 34424933.50 | 0.3621 | 0.3570 |
| Mercury | 89560-10-08 06:00 G | 34432458.62 | 34432458.75 | 34432458.89 | 0.3751 | 0.1954 |
| Mercury | 89580-02-23 00:00 G | 34439535.41 | 34439535.50 | 34439535.58 | 0.3622 | 0.1952 |
| Mercury | 89585-09-07 14:53 G | 34441559.02 | 34441559.12 | 34441559.22 | 0.3622 | 0.0151 |
| Mercury | 89591-03-24 06:00 G | 34443582.67 | 34443582.75 | 34443582.83 | 0.3621 | 0.2235 |
| Mercury | 89617-05-15 08:53 G | 34453131.72 | 34453131.87 | 34453132.02 | 0.3751 | 0.0917 |
| Mercury | 89631-03-16 06:15 G | 34458184.72 | 34458184.76 | 34458184.80 | 0.3622 | 0.3247 |
| Mercury | 89636-09-28 21:07 G | 34460208.29 | 34460208.38 | 34460208.48 | 0.3622 | 0.1188 |
| Mercury | 89642-04-14 12:15 G | 34462231.91 | 34462232.01 | 34462232.11 | 0.3621 | 0.0908 |
| Mercury | 89647-10-29 03:07 G | 34464255.58 | 34464255.63 | 34464255.69 | 0.3621 | 0.3015 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 89673-12-20 11:31 G | 34473804.96 | 34473804.98 | 34473805.00 | 0.3752 | 0.3701 |
| Mercury | 89687-10-21 03:36 G | 34478857.58 | 34478857.65 | 34478857.72 | 0.3622 | 0.2484 |
| Mercury | 89693-05-05 18:29 G | 34480881.17 | 34480881.27 | 34480881.37 | 0.3622 | 0.0414 |
| Mercury | 89698-11-19 09:36 G | 34482904.81 | 34482904.90 | 34482904.99 | 0.3621 | 0.1684 |
| Mercury | 89725-01-11 02:24 G | 34492453.47 | 34492453.60 | 34492453.72 | 0.3751 | 0.2332 |
| Mercury | 89744-05-28 00:43 G | 34499530.44 | 34499530.53 | 34499530.62 | 0.3622 | 0.1727 |
| Mercury | 89749-12-11 15:51 G | 34501554.06 | 34501554.16 | 34501554.26 | 0.3622 | 0.0363 |
| Mercury | 89755-06-27 06:43 G | 34503577.71 | 34503577.78 | 34503577.86 | 0.3621 | 0.2442 |
| Mercury | 89781-08-18 05:03 G | 34513126.56 | 34513126.71 | 34513126.87 | 0.3751 | 0.0540 |
| Mercury | 89795-06-19 07:12 G | 34518179.74 | 34518179.80 | 34518179.85 | 0.3623 | 0.3030 |
| Mercury | 89801-01-02 22:05 G | 34520203.32 | 34520203.42 | 34520203.52 | 0.3622 | 0.0961 |
| Mercury | 89806-07-19 12:58 G | 34522226.95 | 34522227.04 | 34522227.14 | 0.3621 | 0.1116 |
| Mercury | 89812-02-02 04:05 G | 34524250.63 | 34524250.67 | 34524250.71 | 0.3621 | 0.3213 |
| Mercury | 89838-03-26 07:55 G | 34533799.77 | 34533799.83 | 34533799.90 | 0.3752 | 0.3393 |
| Mercury | 89852-01-25 04:19 G | 34538852.61 | 34538852.68 | 34538852.76 | 0.3622 | 0.2270 |
| Mercury | 89857-08-09 19:27 G | 34540876.20 | 34540876.31 | 34540876.41 | 0.3622 | 0.0255 |
| Mercury | 89863-02-23 10:19 G | 34542899.84 | 34542899.93 | 34542900.02 | 0.3621 | 0.1882 |
| Mercury | 89889-04-15 22:48 G | 34552448.33 | 34552448.45 | 34552448.56 | 0.3751 | 0.2669 |
| Mercury | 89903-02-16 10:48 G | 34557501.93 | 34557501.95 | 34557501.96 | 0.3623 | 0.3566 |
| Mercury | 89908-09-01 01:41 G | 34559525.48 | 34559525.57 | 34559525.66 | 0.3622 | 0.1505 |
| Mercury | 89914-03-17 16:34 G | 34561549.09 | 34561549.19 | 34561549.29 | 0.3621 | 0.0570 |
| Mercury | 89919-10-01 07:41 G | 34563572.75 | 34563572.82 | 34563572.89 | 0.3621 | 0.2656 |
| Mercury | 89945-11-22 01:41 G | 34573121.41 | 34573121.57 | 34573121.72 | 0.3751 | 0.0257 |
| Mercury | 89959-09-23 07:55 G | 34578174.77 | 34578174.83 | 34578174.90 | 0.3622 | 0.2806 |
| Mercury | 89965-04-07 23:03 G | 34580198.36 | 34580198.46 | 34580198.56 | 0.3622 | 0.0750 |
| Mercury | 89970-10-22 13:55 G | 34582221.99 | 34582222.08 | 34582222.17 | 0.3621 | 0.1331 |
| Mercury | 89976-05-07 05:03 G | 34584245.68 | 34584245.71 | 34584245.74 | 0.3621 | 0.3430 |

91ST MILLENNIUM CE

This is a list of transits visible from Venus in the 91st millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 90002-06-29 04:19 | G | 34593794.59 | 34593794.68 | 34593794.77 | 0.3752 | 0.3079 | |
| Mercury | 90016-04-29 05:17 | G | 34598847.64 | 34598847.72 | 34598847.80 | 0.3622 | 0.2041 | |
| Mercury | 90021-11-12 20:10 | G | 34600871.24 | 34600871.34 | 34600871.44 | 0.3621 | 0.0086 | |
| Mercury | 90027-05-29 11:17 | G | 34602894.88 | 34602894.97 | 34602895.05 | 0.3621 | 0.2101 | |
| Mercury | 90053-07-19 18:58 | G | 34612443.20 | 34612443.29 | 34612443.38 | 0.3751 | 0.3033 | |
| Mercury | 90067-05-21 11:31 | G | 34617496.95 | 34617496.98 | 34617497.02 | 0.3623 | 0.3342 | |
| Mercury | 90072-12-04 02:39 | G | 34619520.51 | 34619520.61 | 34619520.70 | 0.3622 | 0.1288 | |
| Mercury | 90078-06-19 17:31 | G | 34621544.13 | 34621544.23 | 34621544.33 | 0.3621 | 0.0776 | |
| Mercury | 90084-01-03 08:24 | G | 34623567.79 | 34623567.85 | 34623567.91 | 0.3621 | 0.2867 | |
| Mercury | 90110-02-24 21:51 | G | 34633116.25 | 34633116.41 | 34633116.57 | 0.3751 | 0.0129 | |
| Mercury | 90123-12-27 08:53 | G | 34638169.80 | 34638169.87 | 34638169.94 | 0.3622 | 0.2582 | |
| Mercury | 90129-07-11 23:46 | G | 34640193.39 | 34640193.49 | 34640193.59 | 0.3622 | 0.0539 | |
| Mercury | 90135-01-25 14:39 | G | 34642217.02 | 34642217.11 | 34642217.21 | 0.3621 | 0.1548 | |
| Mercury | 90166-10-02 00:43 | G | 34653789.42 | 34653789.53 | 34653789.64 | 0.3752 | 0.2755 | |
| Mercury | 90180-08-02 06:15 | G | 34658842.67 | 34658842.76 | 34658842.84 | 0.3622 | 0.1841 | |
| Mercury | 90186-02-15 21:07 | G | 34660866.28 | 34660866.38 | 34660866.48 | 0.3621 | 0.0235 | |
| Mercury | 90191-09-01 12:00 | G | 34662889.92 | 34662890.00 | 34662890.08 | 0.3621 | 0.2303 | |
| Mercury | 90217-10-23 15:22 | G | 34672438.07 | 34672438.14 | 34672438.21 | 0.3751 | 0.3374 | |
| Mercury | 90231-08-25 12:29 | G | 34677491.97 | 34677492.02 | 34677492.07 | 0.3622 | 0.3123 | |
| Mercury | 90237-03-10 03:22 | G | 34679515.54 | 34679515.64 | 34679515.74 | 0.3622 | 0.1081 | |
| Mercury | 90242-09-23 18:15 | G | 34681539.17 | 34681539.26 | 34681539.36 | 0.3621 | 0.1002 | |
| Mercury | 90248-04-08 09:22 | G | 34683562.84 | 34683562.89 | 34683562.94 | 0.3620 | 0.3067 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 90274-05-30 18:15 G | 34693111.10 | 34693111.26 | 34693111.42 | 0.3751 | 0.0466 |
| Mercury | 90288-03-31 09:51 G | 34698164.83 | 34698164.91 | 34698164.98 | 0.3622 | 0.2370 |
| Mercury | 90293-10-15 00:43 G | 34700188.43 | 34700188.53 | 34700188.63 | 0.3622 | 0.0326 |
| Mercury | 90299-04-30 15:36 G | 34702212.06 | 34702212.15 | 34702212.24 | 0.3621 | 0.1754 |
| Mercury | 90331-01-05 20:53 G | 34713784.25 | 34713784.37 | 34713784.50 | 0.3752 | 0.2381 |
| Mercury | 90344-11-06 06:58 G | 34718837.70 | 34718837.79 | 34718837.88 | 0.3622 | 0.1618 |
| Mercury | 90350-05-22 22:05 G | 34720861.31 | 34720861.42 | 34720861.52 | 0.3621 | 0.0472 |
| Mercury | 90355-12-06 12:58 G | 34722884.97 | 34722885.04 | 34722885.11 | 0.3621 | 0.2512 |
| Mercury | 90395-11-28 13:26 G | 34737487.00 | 34737487.06 | 34737487.12 | 0.3622 | 0.2900 |
| Mercury | 90401-06-13 04:19 G | 34739510.58 | 34739510.68 | 34739510.78 | 0.3622 | 0.0868 |
| Mercury | 90406-12-27 19:12 G | 34741534.21 | 34741534.30 | 34741534.40 | 0.3621 | 0.1200 |
| Mercury | 90412-07-12 10:05 G | 34743557.88 | 34743557.92 | 34743557.97 | 0.3621 | 0.3265 |
| Mercury | 90438-09-02 14:24 G | 34753105.94 | 34753106.10 | 34753106.25 | 0.3751 | 0.0869 |
| Mercury | 90452-07-04 10:34 G | 34758159.86 | 34758159.94 | 34758160.02 | 0.3622 | 0.2163 |
| Mercury | 90458-01-18 01:26 G | 34760183.46 | 34760183.56 | 34760183.67 | 0.3622 | 0.0197 |
| Mercury | 90463-08-03 16:34 G | 34762207.10 | 34762207.19 | 34762207.27 | 0.3621 | 0.1948 |
| Mercury | 90495-04-09 17:17 G | 34773779.09 | 34773779.22 | 34773779.36 | 0.3752 | 0.2027 |
| Mercury | 90503-07-27 17:02 G | 34776809.18 | 34776809.21 | 34776809.24 | 0.3623 | 0.3447 |
| Mercury | 90509-02-09 07:55 G | 34778832.74 | 34778832.83 | 34778832.92 | 0.3622 | 0.1412 |
| Mercury | 90514-08-25 22:48 G | 34780856.35 | 34780856.45 | 34780856.55 | 0.3621 | 0.0642 |
| Mercury | 90520-03-10 13:41 G | 34782880.01 | 34782880.07 | 34782880.14 | 0.3621 | 0.2705 |
| Mercury | 90560-03-02 14:10 G | 34797482.03 | 34797482.09 | 34797482.16 | 0.3622 | 0.2701 |
| Mercury | 90565-09-16 05:17 G | 34799505.62 | 34799505.72 | 34799505.82 | 0.3622 | 0.0674 |
| Mercury | 90571-04-01 20:10 G | 34801529.24 | 34801529.34 | 34801529.43 | 0.3621 | 0.1402 |
| Mercury | 90576-10-15 11:02 G | 34803552.94 | 34803552.96 | 34803552.99 | 0.3620 | 0.3468 |
| Mercury | 90602-12-07 10:34 G | 34813100.79 | 34813100.94 | 34813101.10 | 0.3751 | 0.1232 |
| Mercury | 90616-10-08 11:31 G | 34818154.90 | 34818154.98 | 34818155.07 | 0.3622 | 0.1945 |
| Mercury | 90622-04-24 02:24 G | 34820178.50 | 34820178.60 | 34820178.70 | 0.3621 | 0.0118 |
| Mercury | 90627-11-07 17:17 G | 34822202.14 | 34822202.22 | 34822202.30 | 0.3621 | 0.2158 |
| Mercury | 90659-07-14 13:41 G | 34833773.92 | 34833774.07 | 34833774.21 | 0.3752 | 0.1676 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 90667-10-30 18:00 G | 34836804.20 | 34836804.25 | 34836804.29 | 0.3623 | 0.3227 |
| Mercury | 90673-05-15 08:53 G | 34838827.77 | 34838827.87 | 34838827.96 | 0.3622 | 0.1198 |
| Mercury | 90678-11-28 23:46 G | 34840851.39 | 34840851.49 | 34840851.59 | 0.3621 | 0.0857 |
| Mercury | 90684-06-13 14:38 G | 34842875.05 | 34842875.11 | 34842875.17 | 0.3621 | 0.2909 |
| Mercury | 90724-06-06 15:07 G | 34857477.06 | 34857477.13 | 34857477.20 | 0.3622 | 0.2483 |
| Mercury | 90729-12-21 06:00 G | 34859500.65 | 34859500.75 | 34859500.85 | 0.3622 | 0.0452 |
| Mercury | 90735-07-06 20:53 G | 34861524.28 | 34861524.37 | 34861524.46 | 0.3621 | 0.1599 |
| Mercury | 90767-03-12 06:58 G | 34873095.64 | 34873095.79 | 34873095.93 | 0.3751 | 0.1629 |
| Mercury | 90781-01-11 12:29 G | 34878149.93 | 34878150.02 | 34878150.11 | 0.3622 | 0.1740 |
| Mercury | 90786-07-28 03:22 G | 34880173.54 | 34880173.64 | 34880173.74 | 0.3621 | 0.0317 |
| Mercury | 90792-02-10 18:14 G | 34882197.18 | 34882197.26 | 34882197.34 | 0.3621 | 0.2349 |
| Mercury | 90823-10-17 09:50 G | 34893768.76 | 34893768.91 | 34893769.06 | 0.3752 | 0.1312 |
| Mercury | 90832-02-02 18:43 G | 34896799.23 | 34896799.28 | 34896799.34 | 0.3623 | 0.3021 |
| Mercury | 90837-08-18 09:36 G | 34898822.80 | 34898822.90 | 34898823.00 | 0.3622 | 0.0997 |
| Mercury | 90843-03-04 00:29 G | 34900846.43 | 34900846.52 | 34900846.62 | 0.3621 | 0.1051 |
| Mercury | 90848-09-16 15:36 G | 34902870.10 | 34902870.15 | 34902870.20 | 0.3620 | 0.3109 |
| Mercury | 90888-09-08 16:05 G | 34917472.09 | 34917472.17 | 34917472.25 | 0.3622 | 0.2277 |
| Mercury | 90894-03-25 06:58 G | 34919495.69 | 34919495.79 | 34919495.89 | 0.3621 | 0.0256 |
| Mercury | 90899-10-08 21:50 G | 34921519.32 | 34921519.41 | 34921519.50 | 0.3621 | 0.1801 |
| Mercury | 90931-06-15 03:07 G | 34933090.49 | 34933090.63 | 34933090.77 | 0.3751 | 0.1992 |
| Mercury | 90939-10-01 22:34 G | 34936121.42 | 34936121.44 | 34936121.45 | 0.3623 | 0.3552 |
| Mercury | 90945-04-16 13:12 G | 34938144.96 | 34938145.05 | 34938145.15 | 0.3622 | 0.1536 |
| Mercury | 90950-10-31 04:05 G | 34940168.57 | 34940168.67 | 34940168.78 | 0.3621 | 0.0531 |
| Mercury | 90956-05-15 19:12 G | 34942192.23 | 34942192.30 | 34942192.37 | 0.3621 | 0.2557 |
| Mercury | 90988-01-20 06:00 G | 34953763.59 | 34953763.75 | 34953763.90 | 0.3752 | 0.0867 |
| Mercury | 90996-05-07 19:41 G | 34956794.26 | 34956794.32 | 34956794.38 | 0.3623 | 0.2805 |

92ND MILLENNIUM CE

This is a list of transits visible from Venus in the 92nd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 91001-11-22 10:34 | G | 34958817.84 | 34958817.94 | 34958818.04 | 0.3622 | 0.0782 | |
| Mercury | 91007-06-08 01:26 | G | 34960841.47 | 34960841.56 | 34960841.66 | 0.3621 | 0.1252 | |
| Mercury | 91012-12-21 16:19 | G | 34962865.14 | 34962865.18 | 34962865.22 | 0.3620 | 0.3308 | |
| Mercury | 91052-12-13 17:02 | G | 34977467.12 | 34977467.21 | 34977467.29 | 0.3622 | 0.2068 | |
| Mercury | 91058-06-29 07:41 | G | 34979490.72 | 34979490.82 | 34979490.93 | 0.3622 | 0.0174 | |
| Mercury | 91064-01-12 22:48 | G | 34981514.36 | 34981514.45 | 34981514.53 | 0.3621 | 0.2003 | |
| Mercury | 91095-09-17 23:02 | G | 34993085.34 | 34993085.46 | 34993085.59 | 0.3751 | 0.2449 | |
| Mercury | 91104-01-05 23:17 | G | 34996116.44 | 34996116.47 | 34996116.51 | 0.3623 | 0.3341 | |
| Mercury | 91109-07-21 14:10 | G | 34998140.00 | 34998140.09 | 34998140.18 | 0.3622 | 0.1331 | |
| Mercury | 91115-02-04 05:02 | G | 35000163.61 | 35000163.71 | 35000163.81 | 0.3621 | 0.0702 | |
| Mercury | 91120-08-19 19:55 | G | 35002187.27 | 35002187.33 | 35002187.40 | 0.3620 | 0.2741 | |
| Mercury | 91152-04-25 02:10 | G | 35013758.43 | 35013758.59 | 35013758.75 | 0.3752 | 0.0485 | |
| Mercury | 91160-08-11 20:38 | G | 35016789.29 | 35016789.36 | 35016789.42 | 0.3622 | 0.2613 | |
| Mercury | 91166-02-25 11:31 | G | 35018812.88 | 35018812.98 | 35018813.08 | 0.3622 | 0.0606 | |
| Mercury | 91171-09-11 02:24 | G | 35020836.50 | 35020836.60 | 35020836.69 | 0.3621 | 0.1451 | |
| Mercury | 91177-03-26 17:17 | G | 35022860.20 | 35022860.22 | 35022860.24 | 0.3620 | 0.3491 | |
| Mercury | 91208-11-30 05:17 | G | 35034431.66 | 35034431.72 | 35034431.79 | 0.3752 | 0.3416 | |
| Mercury | 91217-03-18 17:46 | G | 35037462.16 | 35037462.24 | 35037462.33 | 0.3622 | 0.1870 | |
| Mercury | 91222-10-02 08:38 | G | 35039485.76 | 35039485.86 | 35039485.96 | 0.3621 | 0.0178 | |
| Mercury | 91228-04-16 23:31 | G | 35041509.40 | 35041509.48 | 35041509.56 | 0.3621 | 0.2198 | |
| Mercury | 91259-12-21 19:12 | G | 35053080.20 | 35053080.30 | 35053080.40 | 0.3751 | 0.2871 | |
| Mercury | 91268-04-09 00:14 | G | 35056111.46 | 35056111.51 | 35056111.56 | 0.3623 | 0.3137 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 91273-10-23 15:07 G | 35058135.03 | 35058135.13 | 35058135.22 | 0.3622 | 0.1125 |
| Mercury | 91279-05-09 06:00 G | 35060158.65 | 35060158.75 | 35060158.85 | 0.3621 | 0.0906 |
| Mercury | 91284-11-21 20:53 G | 35062182.31 | 35062182.37 | 35062182.43 | 0.3620 | 0.2942 |
| Mercury | 91316-07-28 22:19 G | 35073753.27 | 35073753.43 | 35073753.60 | 0.3752 | 0.0131 |
| Mercury | 91324-11-14 21:36 G | 35076784.32 | 35076784.40 | 35076784.47 | 0.3622 | 0.2403 |
| Mercury | 91330-05-31 12:14 G | 35078807.91 | 35078808.01 | 35078808.12 | 0.3622 | 0.0410 |
| Mercury | 91335-12-15 03:07 G | 35080831.55 | 35080831.63 | 35080831.72 | 0.3621 | 0.1658 |
| Mercury | 91373-03-05 01:26 G | 35094426.47 | 35094426.56 | 35094426.66 | 0.3752 | 0.2999 |
| Mercury | 91381-06-21 18:43 G | 35097457.19 | 35097457.28 | 35097457.37 | 0.3622 | 0.1663 |
| Mercury | 91387-01-05 09:36 G | 35099480.80 | 35099480.90 | 35099481.00 | 0.3621 | 0.0359 |
| Mercury | 91392-07-21 00:29 G | 35101504.44 | 35101504.52 | 35101504.59 | 0.3621 | 0.2382 |
| Mercury | 91424-03-26 15:22 G | 35113075.07 | 35113075.14 | 35113075.22 | 0.3751 | 0.3283 |
| Mercury | 91432-07-14 01:12 G | 35116106.49 | 35116106.55 | 35116106.60 | 0.3623 | 0.2942 |
| Mercury | 91438-01-27 16:05 G | 35118130.07 | 35118130.17 | 35118130.26 | 0.3622 | 0.0937 |
| Mercury | 91443-08-13 06:43 G | 35120153.69 | 35120153.78 | 35120153.88 | 0.3621 | 0.1097 |
| Mercury | 91449-02-25 21:50 G | 35122177.36 | 35122177.41 | 35122177.45 | 0.3620 | 0.3128 |
| Mercury | 91480-10-31 18:43 G | 35133748.11 | 35133748.28 | 35133748.44 | 0.3751 | 0.0315 |
| Mercury | 91489-02-17 22:19 G | 35136779.35 | 35136779.43 | 35136779.51 | 0.3623 | 0.2203 |
| Mercury | 91494-09-03 13:12 G | 35138802.95 | 35138803.05 | 35138803.15 | 0.3621 | 0.0191 |
| Mercury | 91500-03-20 04:05 G | 35140826.58 | 35140826.67 | 35140826.76 | 0.3621 | 0.1832 |
| Mercury | 91537-06-08 21:36 G | 35154421.29 | 35154421.40 | 35154421.52 | 0.3752 | 0.2616 |
| Mercury | 91540-03-12 04:48 G | 35155428.67 | 35155428.70 | 35155428.72 | 0.3623 | 0.3473 |
| Mercury | 91545-09-25 19:41 G | 35157452.22 | 35157452.32 | 35157452.41 | 0.3622 | 0.1466 |
| Mercury | 91551-04-11 10:34 G | 35159475.84 | 35159475.94 | 35159476.04 | 0.3621 | 0.0566 |
| Mercury | 91556-10-25 01:26 G | 35161499.49 | 35161499.56 | 35161499.63 | 0.3620 | 0.2579 |
| Mercury | 91588-06-29 11:31 G | 35173069.96 | 35173069.98 | 35173070.01 | 0.3751 | 0.3679 |
| Mercury | 91596-10-17 01:55 G | 35176101.52 | 35176101.58 | 35176101.65 | 0.3623 | 0.2737 |
| Mercury | 91602-05-02 16:48 G | 35178125.10 | 35178125.20 | 35178125.30 | 0.3622 | 0.0734 |
| Mercury | 91607-11-16 07:41 G | 35180148.73 | 35180148.82 | 35180148.92 | 0.3621 | 0.1294 |
| Mercury | 91613-05-31 22:34 G | 35182172.41 | 35182172.44 | 35182172.48 | 0.3620 | 0.3323 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 91645-02-03 14:38 G | 35193742.95 | 35193743.11 | 35193743.27 | 0.3751 | 0.0787 |
| Mercury | 91653-05-23 23:17 G | 35196774.39 | 35196774.47 | 35196774.55 | 0.3623 | 0.1994 |
| Mercury | 91658-12-07 14:10 G | 35198797.99 | 35198798.09 | 35198798.19 | 0.3621 | 0.0058 |
| Mercury | 91664-06-22 05:02 G | 35200821.62 | 35200821.71 | 35200821.79 | 0.3621 | 0.2030 |
| Mercury | 91701-09-11 17:46 G | 35214416.11 | 35214416.24 | 35214416.37 | 0.3752 | 0.2144 |
| Mercury | 91704-06-15 05:46 G | 35215423.70 | 35215423.74 | 35215423.78 | 0.3623 | 0.3267 |
| Mercury | 91709-12-29 20:38 G | 35217447.26 | 35217447.36 | 35217447.45 | 0.3622 | 0.1272 |
| Mercury | 91715-07-15 11:17 G | 35219470.87 | 35219470.97 | 35219471.07 | 0.3621 | 0.0747 |
| Mercury | 91721-01-28 02:10 G | 35221494.53 | 35221494.59 | 35221494.66 | 0.3621 | 0.2769 |
| Mercury | 91761-01-20 02:53 G | 35236096.55 | 35236096.62 | 35236096.69 | 0.3623 | 0.2533 |
| Mercury | 91766-08-05 17:46 G | 35238120.14 | 35238120.24 | 35238120.34 | 0.3622 | 0.0542 |
| Mercury | 91772-02-19 08:38 G | 35240143.77 | 35240143.86 | 35240143.95 | 0.3621 | 0.1478 |
| Mercury | 91777-09-03 23:31 G | 35242167.46 | 35242167.48 | 35242167.50 | 0.3620 | 0.3496 |
| Mercury | 91809-05-10 10:48 G | 35253737.79 | 35253737.95 | 35253738.10 | 0.3751 | 0.1195 |
| Mercury | 91817-08-28 00:14 G | 35256769.42 | 35256769.51 | 35256769.59 | 0.3622 | 0.1811 |
| Mercury | 91823-03-13 14:53 G | 35258793.02 | 35258793.12 | 35258793.23 | 0.3622 | 0.0252 |
| Mercury | 91828-09-26 06:00 G | 35260816.67 | 35260816.75 | 35260816.82 | 0.3621 | 0.2221 |
| Mercury | 91865-12-15 13:55 G | 35274410.94 | 35274411.08 | 35274411.22 | 0.3752 | 0.1739 |
| Mercury | 91868-09-18 06:29 G | 35275418.72 | 35275418.77 | 35275418.83 | 0.3623 | 0.3071 |
| Mercury | 91874-04-03 21:22 G | 35277442.30 | 35277442.39 | 35277442.49 | 0.3622 | 0.1076 |
| Mercury | 91879-10-18 12:14 G | 35279465.91 | 35279466.01 | 35279466.11 | 0.3621 | 0.0935 |
| Mercury | 91885-05-03 03:07 G | 35281489.57 | 35281489.63 | 35281489.69 | 0.3620 | 0.2952 |
| Mercury | 91925-04-26 03:50 G | 35296091.58 | 35296091.66 | 35296091.74 | 0.3623 | 0.2334 |
| Mercury | 91930-11-09 18:43 G | 35298115.18 | 35298115.28 | 35298115.38 | 0.3622 | 0.0350 |
| Mercury | 91936-05-25 09:36 G | 35300138.81 | 35300138.90 | 35300138.99 | 0.3621 | 0.1675 |
| Mercury | 91973-08-13 06:43 G | 35313732.64 | 35313732.78 | 35313732.93 | 0.3751 | 0.1650 |
| Mercury | 91976-05-17 10:19 G | 35314740.92 | 35314740.93 | 35314740.94 | 0.3624 | 0.3595 |
| Mercury | 91981-12-01 01:12 G | 35316764.46 | 35316764.55 | 35316764.64 | 0.3622 | 0.1614 |
| Mercury | 91987-06-16 15:50 G | 35318788.06 | 35318788.16 | 35318788.26 | 0.3622 | 0.0407 |
| Mercury | 91992-12-30 06:43 G | 35320811.71 | 35320811.78 | 35320811.86 | 0.3621 | 0.2406 |

93RD MILLENNIUM CE

This is a list of transits visible from Venus in the 93rd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 92030-03-20 10:05 | G | 35334405.76 | 35334405.92 | 35334406.07 | 0.3752 | 0.1296 | |
| Mercury | 92032-12-22 07:26 | G | 35335413.75 | 35335413.81 | 35335413.87 | 0.3623 | 0.2867 | |
| Mercury | 92038-07-07 22:19 | G | 35337437.33 | 35337437.43 | 35337437.53 | 0.3622 | 0.0883 | |
| Mercury | 92044-01-21 13:12 | G | 35339460.95 | 35339461.05 | 35339461.14 | 0.3621 | 0.1126 | |
| Mercury | 92049-08-06 04:05 | G | 35341484.62 | 35341484.67 | 35341484.72 | 0.3620 | 0.3128 | |
| Mercury | 92089-07-29 04:48 | G | 35356086.62 | 35356086.70 | 35356086.78 | 0.3623 | 0.2151 | |
| Mercury | 92095-02-11 19:26 | G | 35358110.21 | 35358110.31 | 35358110.42 | 0.3622 | 0.0227 | |
| Mercury | 92100-08-28 10:19 | G | 35360133.85 | 35360133.93 | 35360134.02 | 0.3621 | 0.1850 | |
| Mercury | 92137-11-16 02:53 | G | 35373727.49 | 35373727.62 | 35373727.76 | 0.3751 | 0.2079 | |
| Mercury | 92140-08-20 11:02 | G | 35374735.93 | 35374735.96 | 35374735.99 | 0.3624 | 0.3410 | |
| Mercury | 92146-03-06 01:55 | G | 35376759.49 | 35376759.58 | 35376759.67 | 0.3622 | 0.1423 | |
| Mercury | 92151-09-19 16:48 | G | 35378783.10 | 35378783.20 | 35378783.30 | 0.3621 | 0.0578 | |
| Mercury | 92157-04-04 07:41 | G | 35380806.75 | 35380806.82 | 35380806.89 | 0.3620 | 0.2579 | |
| Mercury | 92194-06-23 06:14 | G | 35394400.60 | 35394400.76 | 35394400.92 | 0.3752 | 0.0887 | |
| Mercury | 92197-03-27 08:24 | G | 35395408.78 | 35395408.85 | 35395408.92 | 0.3623 | 0.2681 | |
| Mercury | 92202-10-11 23:17 | G | 35397432.37 | 35397432.47 | 35397432.57 | 0.3622 | 0.0695 | |
| Mercury | 92208-04-26 14:10 | G | 35399455.99 | 35399456.09 | 35399456.18 | 0.3621 | 0.1315 | |
| Mercury | 92213-11-10 05:02 | G | 35401479.67 | 35401479.71 | 35401479.74 | 0.3620 | 0.3317 | |
| Mercury | 92251-01-29 09:07 | G | 35415073.88 | 35415073.88 | 35415073.89 | 0.3752 | 0.3748 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 92253-11-02 05:46 G | 35416081.65 | 35416081.74 | 35416081.82 | 0.3623 | 0.1959 |
| Mercury | 92259-05-18 20:24 G | 35418105.25 | 35418105.35 | 35418105.45 | 0.3622 | 0.0123 |
| Mercury | 92264-12-01 11:17 G | 35420128.89 | 35420128.97 | 35420129.05 | 0.3621 | 0.2038 |
| Mercury | 92302-02-19 22:48 G | 35433722.33 | 35433722.45 | 35433722.57 | 0.3751 | 0.2578 |
| Mercury | 92304-11-24 12:00 G | 35434730.96 | 35434731.00 | 35434731.05 | 0.3624 | 0.3208 |
| Mercury | 92310-06-10 02:53 G | 35436754.53 | 35436754.62 | 35436754.72 | 0.3623 | 0.1223 |
| Mercury | 92315-12-24 17:46 G | 35438778.14 | 35438778.24 | 35438778.34 | 0.3621 | 0.0772 |
| Mercury | 92321-07-09 08:38 G | 35440801.79 | 35440801.86 | 35440801.92 | 0.3621 | 0.2766 |
| Mercury | 92358-09-27 02:10 G | 35454395.43 | 35454395.59 | 35454395.75 | 0.3751 | 0.0389 |
| Mercury | 92361-07-01 09:22 G | 35455403.82 | 35455403.89 | 35455403.96 | 0.3623 | 0.2487 |
| Mercury | 92367-01-15 00:14 G | 35457427.41 | 35457427.51 | 35457427.61 | 0.3622 | 0.0518 |
| Mercury | 92372-07-30 14:53 G | 35459451.03 | 35459451.12 | 35459451.21 | 0.3621 | 0.1488 |
| Mercury | 92378-02-13 05:46 G | 35461474.72 | 35461474.74 | 35461474.77 | 0.3620 | 0.3494 |
| Mercury | 92415-05-04 05:17 G | 35475068.65 | 35475068.72 | 35475068.79 | 0.3752 | 0.3312 |
| Mercury | 92418-02-05 06:29 G | 35476076.68 | 35476076.77 | 35476076.86 | 0.3623 | 0.1765 |
| Mercury | 92423-08-21 21:22 G | 35478100.29 | 35478100.39 | 35478100.49 | 0.3622 | 0.0219 |
| Mercury | 92429-03-06 12:14 G | 35480123.93 | 35480124.01 | 35480124.09 | 0.3621 | 0.2213 |
| Mercury | 92466-05-24 18:58 G | 35493717.19 | 35493717.29 | 35493717.39 | 0.3750 | 0.3008 |
| Mercury | 92469-02-26 12:58 G | 35494725.99 | 35494726.04 | 35494726.09 | 0.3624 | 0.3022 |
| Mercury | 92474-09-12 03:50 G | 35496749.56 | 35496749.66 | 35496749.75 | 0.3622 | 0.1048 |
| Mercury | 92480-03-27 18:29 G | 35498773.18 | 35498773.27 | 35498773.37 | 0.3621 | 0.0958 |
| Mercury | 92485-10-11 09:22 G | 35500796.84 | 35500796.89 | 35500796.95 | 0.3621 | 0.2947 |
| Mercury | 92522-12-30 22:05 G | 35514390.26 | 35514390.42 | 35514390.59 | 0.3751 | 0.0098 |
| Mercury | 92525-10-04 10:19 G | 35515398.85 | 35515398.93 | 35515399.00 | 0.3623 | 0.2303 |
| Mercury | 92531-04-20 00:58 G | 35517422.44 | 35517422.54 | 35517422.64 | 0.3622 | 0.0327 |
| Mercury | 92536-11-02 15:50 G | 35519446.07 | 35519446.16 | 35519446.25 | 0.3621 | 0.1672 |
| Mercury | 92576-10-25 16:34 G | 35534048.18 | 35534048.19 | 35534048.21 | 0.3624 | 0.3551 |
| Mercury | 92579-08-07 01:26 G | 35535063.46 | 35535063.56 | 35535063.66 | 0.3752 | 0.2877 |
| Mercury | 92582-05-11 07:26 G | 35536071.72 | 35536071.81 | 35536071.90 | 0.3623 | 0.1572 |
| Mercury | 92587-11-24 22:19 G | 35538095.33 | 35538095.43 | 35538095.53 | 0.3622 | 0.0411 |

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|---------|-------------|-------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 92593-06-09 | 13:12 | G | 35540118.97 | 35540119.05 | 35540119.12 | 0.3621 | 0.2402 |
| Mercury | 92630-08-28 | 14:53 | G | 35553712.06 | 35553712.12 | 35553712.17 | 0.3750 | 0.3508 |
| Mercury | 92633-06-02 | 13:55 | G | 35554721.02 | 35554721.08 | 35554721.14 | 0.3624 | 0.2825 |
| Mercury | 92638-12-17 | 04:48 | G | 35556744.60 | 35556744.70 | 35556744.79 | 0.3623 | 0.0859 |
| Mercury | 92644-07-01 | 19:26 | G | 35558768.22 | 35558768.31 | 35558768.41 | 0.3622 | 0.1134 |
| Mercury | 92650-01-15 | 10:19 | G | 35560791.88 | 35560791.93 | 35560791.98 | 0.3621 | 0.3125 |
| Mercury | 92687-04-04 | 18:14 | G | 35574385.10 | 35574385.26 | 35574385.42 | 0.3751 | 0.0536 |
| Mercury | 92690-01-07 | 11:02 | G | 35575393.88 | 35575393.96 | 35575394.05 | 0.3623 | 0.2112 |
| Mercury | 92695-07-24 | 01:55 | G | 35577417.48 | 35577417.58 | 35577417.68 | 0.3622 | 0.0137 |
| Mercury | 92701-02-06 | 16:48 | G | 35579441.11 | 35579441.20 | 35579441.29 | 0.3621 | 0.1852 |
| Mercury | 92741-01-29 | 17:31 | G | 35594043.20 | 35594043.23 | 35594043.27 | 0.3624 | 0.3360 |
| Mercury | 92743-11-10 | 21:36 | G | 35595058.27 | 35595058.40 | 35595058.52 | 0.3751 | 0.2417 |
| Mercury | 92746-08-15 | 08:24 | G | 35596066.76 | 35596066.85 | 35596066.94 | 0.3623 | 0.1397 |
| Mercury | 92752-02-28 | 23:17 | G | 35598090.37 | 35598090.47 | 35598090.56 | 0.3622 | 0.0605 |
| Mercury | 92757-09-13 | 13:55 | G | 35600114.01 | 35600114.08 | 35600114.15 | 0.3621 | 0.2570 |
| Mercury | 92797-09-05 | 14:53 | G | 35614716.05 | 35614716.12 | 35614716.18 | 0.3624 | 0.2651 |
| Mercury | 92803-03-22 | 05:31 | G | 35616739.63 | 35616739.73 | 35616739.83 | 0.3623 | 0.0682 |
| Mercury | 92808-10-04 | 20:24 | G | 35618763.26 | 35618763.35 | 35618763.44 | 0.3621 | 0.1307 |
| Mercury | 92814-04-20 | 11:17 | G | 35620786.93 | 35620786.97 | 35620787.01 | 0.3620 | 0.3292 |
| Mercury | 92851-07-08 | 14:24 | G | 35634379.94 | 35634380.10 | 35634380.25 | 0.3751 | 0.0987 |
| Mercury | 92854-04-12 | 12:00 | G | 35635388.92 | 35635389.00 | 35635389.09 | 0.3623 | 0.1928 |
| Mercury | 92859-10-27 | 02:53 | G | 35637412.52 | 35637412.62 | 35637412.72 | 0.3622 | 0.0056 |
| Mercury | 92865-05-11 | 17:46 | G | 35639436.15 | 35639436.24 | 35639436.32 | 0.3621 | 0.2032 |
| Mercury | 92905-05-04 | 18:29 | G | 35654038.22 | 35654038.27 | 35654038.32 | 0.3624 | 0.3172 |
| Mercury | 92908-02-13 | 17:17 | G | 35655053.08 | 35655053.22 | 35655053.36 | 0.3751 | 0.1889 |
| Mercury | 92910-11-18 | 09:22 | G | 35656061.79 | 35656061.89 | 35656061.98 | 0.3623 | 0.1210 |
| Mercury | 92916-06-03 | 00:00 | G | 35658085.41 | 35658085.50 | 35658085.60 | 0.3622 | 0.0785 |
| Mercury | 92921-12-17 | 14:53 | G | 35660109.06 | 35660109.12 | 35660109.19 | 0.3621 | 0.2751 |
| Mercury | 92961-12-09 | 15:50 | G | 35674711.08 | 35674711.16 | 35674711.23 | 0.3624 | 0.2459 |
| Mercury | 92967-06-25 | 06:29 | G | 35676734.67 | 35676734.77 | 35676734.87 | 0.3623 | 0.0494 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 92973-01-07 21:22 G | 35678758.30 | 35678758.39 | 35678758.48 | 0.3622 | 0.1489 |
| Mercury | 92978-07-24 12:14 G | 35680781.98 | 35680782.01 | 35680782.03 | 0.3621 | 0.3463 |

94TH MILLENNIUM CE

This is a list of transits visible from Venus in the 94th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 93015-10-12 10:05 G | 35694374.77 | 35694374.92 | 35694375.07 | 0.3750 | 0.1522 | | |
| Mercury | 93018-07-17 12:58 G | 35695383.95 | 35695384.04 | 35695384.13 | 0.3624 | 0.1743 | | |
| Mercury | 93024-01-31 03:50 G | 35697407.56 | 35697407.66 | 35697407.76 | 0.3622 | 0.0250 | | |
| Mercury | 93029-08-15 18:29 G | 35699431.19 | 35699431.27 | 35699431.35 | 0.3621 | 0.2200 | | |
| Mercury | 93069-08-07 19:26 G | 35714033.25 | 35714033.31 | 35714033.36 | 0.3624 | 0.2996 | | |
| Mercury | 93072-05-18 13:26 G | 35715047.91 | 35715048.06 | 35715048.21 | 0.3751 | 0.1441 | | |
| Mercury | 93075-02-21 10:05 G | 35716056.83 | 35716056.92 | 35716057.02 | 0.3623 | 0.1040 | | |
| Mercury | 93080-09-06 00:58 G | 35718080.44 | 35718080.54 | 35718080.64 | 0.3622 | 0.0938 | | |
| Mercury | 93086-03-22 15:50 G | 35720104.10 | 35720104.16 | 35720104.22 | 0.3621 | 0.2913 | | |
| Mercury | 93126-03-15 16:34 G | 35734706.12 | 35734706.19 | 35734706.27 | 0.3624 | 0.2282 | | |
| Mercury | 93131-09-29 07:26 G | 35736729.71 | 35736729.81 | 35736729.91 | 0.3623 | 0.0316 | | |
| Mercury | 93137-04-13 22:19 G | 35738753.34 | 35738753.43 | 35738753.52 | 0.3622 | 0.1660 | | |
| Mercury | 93177-04-05 23:02 G | 35753355.44 | 35753355.46 | 35753355.48 | 0.3625 | 0.3525 | | |
| Mercury | 93180-01-15 06:00 G | 35754369.62 | 35754369.75 | 35754369.89 | 0.3750 | 0.2003 | | |
| Mercury | 93182-10-20 13:55 G | 35755378.99 | 35755379.08 | 35755379.17 | 0.3623 | 0.1562 | | |
| Mercury | 93188-05-05 04:34 G | 35757402.59 | 35757402.69 | 35757402.80 | 0.3622 | 0.0435 | | |
| Mercury | 93193-11-18 19:26 G | 35759426.24 | 35759426.31 | 35759426.39 | 0.3621 | 0.2376 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 93233-11-10 20:24 G | 35774028.29 | 35774028.35 | 35774028.41 | 0.3624 | 0.2808 |
| Mercury | 93236-08-21 09:36 G | 35775042.74 | 35775042.90 | 35775043.05 | 0.3751 | 0.0972 |
| Mercury | 93239-05-27 11:02 G | 35776051.87 | 35776051.96 | 35776052.06 | 0.3623 | 0.0856 |
| Mercury | 93244-12-10 01:55 G | 35778075.48 | 35778075.58 | 35778075.68 | 0.3622 | 0.1120 |
| Mercury | 93250-06-25 16:48 G | 35780099.15 | 35780099.20 | 35780099.25 | 0.3621 | 0.3091 |
| Mercury | 93290-06-17 17:31 G | 35794701.15 | 35794701.23 | 35794701.31 | 0.3624 | 0.2092 |
| Mercury | 93296-01-01 08:24 G | 35796724.75 | 35796724.85 | 35796724.95 | 0.3623 | 0.0140 |
| Mercury | 93301-07-17 23:02 G | 35798748.38 | 35798748.46 | 35798748.55 | 0.3622 | 0.1839 |
| Mercury | 93341-07-10 00:00 G | 35813350.46 | 35813350.50 | 35813350.54 | 0.3625 | 0.3339 |
| Mercury | 93344-04-19 02:10 G | 35814364.47 | 35814364.59 | 35814364.71 | 0.3750 | 0.2473 |
| Mercury | 93347-01-23 14:53 G | 35815374.02 | 35815374.12 | 35815374.21 | 0.3624 | 0.1382 |
| Mercury | 93352-08-08 05:31 G | 35817397.63 | 35817397.73 | 35817397.83 | 0.3622 | 0.0580 |
| Mercury | 93358-02-21 20:24 G | 35819421.28 | 35819421.35 | 35819421.42 | 0.3621 | 0.2543 |
| Mercury | 93398-02-13 21:22 G | 35834023.32 | 35834023.39 | 35834023.45 | 0.3625 | 0.2632 |
| Mercury | 93400-11-25 05:31 G | 35835037.57 | 35835037.73 | 35835037.89 | 0.3751 | 0.0485 |
| Mercury | 93403-08-31 12:00 G | 35836046.90 | 35836047.00 | 35836047.10 | 0.3623 | 0.0678 |
| Mercury | 93409-03-16 02:53 G | 35838070.52 | 35838070.62 | 35838070.71 | 0.3622 | 0.1289 |
| Mercury | 93414-09-29 17:31 G | 35840094.19 | 35840094.23 | 35840094.28 | 0.3621 | 0.3252 |
| Mercury | 93454-09-21 18:29 G | 35854696.18 | 35854696.27 | 35854696.35 | 0.3624 | 0.1920 |
| Mercury | 93457-07-02 08:53 G | 35855710.81 | 35855710.87 | 35855710.93 | 0.3751 | 0.3423 |
| Mercury | 93460-04-06 09:22 G | 35856719.78 | 35856719.89 | 35856719.99 | 0.3623 | 0.0154 |
| Mercury | 93465-10-21 00:00 G | 35858743.42 | 35858743.50 | 35858743.59 | 0.3622 | 0.2003 |
| Mercury | 93505-10-14 00:58 G | 35873345.49 | 35873345.54 | 35873345.59 | 0.3625 | 0.3160 |
| Mercury | 93508-07-23 22:05 G | 35874359.32 | 35874359.42 | 35874359.52 | 0.3750 | 0.2954 |
| Mercury | 93511-04-29 15:36 G | 35875369.06 | 35875369.15 | 35875369.25 | 0.3624 | 0.1218 |
| Mercury | 93516-11-12 06:29 G | 35877392.67 | 35877392.77 | 35877392.87 | 0.3622 | 0.0751 |
| Mercury | 93522-05-28 21:22 G | 35879416.32 | 35879416.39 | 35879416.45 | 0.3621 | 0.2713 |
| Mercury | 93562-05-20 22:05 G | 35894018.35 | 35894018.42 | 35894018.50 | 0.3624 | 0.2449 |
| Mercury | 93565-02-28 01:12 G | 35895032.39 | 35895032.55 | 35895032.72 | 0.3750 | 0.0124 |
| Mercury | 93567-12-04 12:58 G | 35896041.94 | 35896042.04 | 35896042.14 | 0.3623 | 0.0496 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 93573-06-19 03:50 G | 35898065.57 | 35898065.66 | 35898065.75 | 0.3622 | 0.1466 |
| Mercury | 93579-01-02 18:29 G | 35900089.24 | 35900089.27 | 35900089.30 | 0.3621 | 0.3426 |
| Mercury | 93618-12-25 19:26 G | 35914691.22 | 35914691.31 | 35914691.40 | 0.3624 | 0.1738 |
| Mercury | 93621-10-05 04:34 G | 35915705.59 | 35915705.69 | 35915705.80 | 0.3751 | 0.2865 |
| Mercury | 93624-07-10 10:05 G | 35916714.82 | 35916714.92 | 35916715.03 | 0.3623 | 0.0267 |
| Mercury | 93630-01-24 00:58 G | 35918738.46 | 35918738.54 | 35918738.62 | 0.3622 | 0.2172 |
| Mercury | 93670-01-16 01:55 G | 35933340.52 | 35933340.58 | 35933340.63 | 0.3625 | 0.2978 |
| Mercury | 93672-10-25 18:00 G | 35934354.19 | 35934354.25 | 35934354.30 | 0.3749 | 0.3497 |
| Mercury | 93675-08-01 16:34 G | 35935364.10 | 35935364.19 | 35935364.29 | 0.3624 | 0.1041 |
| Mercury | 93681-02-14 07:26 G | 35937387.71 | 35937387.81 | 35937387.91 | 0.3623 | 0.0921 |
| Mercury | 93686-08-30 22:19 G | 35939411.37 | 35939411.43 | 35939411.49 | 0.3621 | 0.2871 |
| Mercury | 93726-08-23 23:02 G | 35954013.38 | 35954013.46 | 35954013.54 | 0.3625 | 0.2279 |
| Mercury | 93729-06-02 21:22 G | 35955027.23 | 35955027.39 | 35955027.55 | 0.3750 | 0.0541 |
| Mercury | 93732-03-08 13:55 G | 35956036.98 | 35956037.08 | 35956037.18 | 0.3623 | 0.0336 |
| Mercury | 93737-09-22 04:34 G | 35958060.60 | 35958060.69 | 35958060.78 | 0.3622 | 0.1627 |
| Mercury | 93743-04-07 19:26 G | 35960084.30 | 35960084.31 | 35960084.32 | 0.3621 | 0.3576 |
| Mercury | 93777-09-14 05:31 G | 35972662.71 | 35972662.73 | 35972662.75 | 0.3626 | 0.3516 |
| Mercury | 93783-03-30 20:24 G | 35974686.26 | 35974686.35 | 35974686.44 | 0.3624 | 0.1581 |
| Mercury | 93786-01-08 00:43 G | 35975700.40 | 35975700.53 | 35975700.65 | 0.3751 | 0.2388 |
| Mercury | 93788-10-13 11:02 G | 35976709.86 | 35976709.96 | 35976710.06 | 0.3623 | 0.0389 |
| Mercury | 93794-04-29 01:55 G | 35978733.50 | 35978733.58 | 35978733.66 | 0.3622 | 0.2329 |
| Mercury | 93834-04-22 02:53 G | 35993335.55 | 35993335.62 | 35993335.68 | 0.3625 | 0.2813 |
| Mercury | 93839-11-05 17:31 G | 35995359.13 | 35995359.23 | 35995359.33 | 0.3624 | 0.0865 |
| Mercury | 93845-05-21 08:24 G | 35997382.75 | 35997382.85 | 35997382.94 | 0.3622 | 0.1089 |
| Mercury | 93850-12-04 23:17 G | 35999406.41 | 35999406.47 | 35999406.52 | 0.3621 | 0.3041 |
| Mercury | 93890-11-27 00:00 G | 36014008.42 | 36014008.50 | 36014008.58 | 0.3625 | 0.2101 |
| Mercury | 93893-09-05 17:17 G | 36015022.06 | 36015022.22 | 36015022.37 | 0.3750 | 0.1071 |
| Mercury | 93896-06-11 14:53 G | 36016032.02 | 36016032.12 | 36016032.22 | 0.3623 | 0.0177 |
| Mercury | 93901-12-27 05:31 G | 36018055.65 | 36018055.73 | 36018055.82 | 0.3622 | 0.1796 |
| Mercury | 93941-12-19 06:29 G | 36032657.73 | 36032657.77 | 36032657.81 | 0.3626 | 0.3333 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 93947-07-04 21:21 G | 36034681.29 | 36034681.39 | 36034681.48 | 0.3624 | 0.1403 |
| Mercury | 93950-04-13 20:38 G | 36035695.22 | 36035695.36 | 36035695.50 | 0.3750 | 0.1884 |
| Mercury | 93953-01-17 12:00 G | 36036704.90 | 36036705.00 | 36036705.10 | 0.3623 | 0.0559 |
| Mercury | 93958-08-03 02:53 G | 36038728.55 | 36038728.62 | 36038728.69 | 0.3622 | 0.2493 |
| Mercury | 93998-07-26 03:36 G | 36053330.59 | 36053330.65 | 36053330.72 | 0.3625 | 0.2638 |

95TH MILLENNIUM CE

This is a list of transits visible from Venus in the 95th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 94004-02-08 18:29 G | 36055354.17 | 36055354.27 | 36055354.37 | 0.3624 | 0.0690 | | |
| Mercury | 94009-08-24 09:21 G | 36057377.79 | 36057377.89 | 36057377.98 | 0.3623 | 0.1253 | | |
| Mercury | 94015-03-10 00:00 G | 36059401.46 | 36059401.50 | 36059401.55 | 0.3622 | 0.3198 | | |
| Mercury | 94055-03-02 00:57 G | 36074003.45 | 36074003.54 | 36074003.62 | 0.3625 | 0.1932 | | |
| Mercury | 94057-12-09 13:12 G | 36075016.90 | 36075017.05 | 36075017.20 | 0.3749 | 0.1550 | | |
| Mercury | 94060-09-14 15:36 G | 36076027.05 | 36076027.15 | 36076027.25 | 0.3624 | 0.0141 | | |
| Mercury | 94066-03-31 06:29 G | 36078050.69 | 36078050.77 | 36078050.85 | 0.3622 | 0.1947 | | |
| Mercury | 94106-03-24 07:26 G | 36092652.76 | 36092652.81 | 36092652.85 | 0.3626 | 0.3170 | | |
| Mercury | 94111-10-07 22:05 G | 36094676.33 | 36094676.42 | 36094676.52 | 0.3624 | 0.1236 | | |
| Mercury | 94114-07-17 16:48 G | 36095690.05 | 36095690.20 | 36095690.35 | 0.3750 | 0.1403 | | |
| Mercury | 94117-04-22 12:57 G | 36096699.94 | 36096700.04 | 36096700.14 | 0.3623 | 0.0708 | | |
| Mercury | 94122-11-06 03:50 G | 36098723.59 | 36098723.66 | 36098723.72 | 0.3622 | 0.2656 | | |
| Mercury | 94162-10-29 04:33 G | 36113325.62 | 36113325.69 | 36113325.76 | 0.3625 | 0.2465 | | |
| Mercury | 94168-05-13 19:26 G | 36115349.21 | 36115349.31 | 36115349.41 | 0.3624 | 0.0528 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 94173-11-27 10:05 G | 36117372.83 | 36117372.92 | 36117373.02 | 0.3623 | 0.1422 |
| Mercury | 94179-06-13 00:57 G | 36119396.51 | 36119396.54 | 36119396.58 | 0.3622 | 0.3361 |
| Mercury | 94219-06-06 01:55 G | 36133998.49 | 36133998.58 | 36133998.67 | 0.3625 | 0.1758 |
| Mercury | 94222-03-15 09:07 G | 36135011.74 | 36135011.88 | 36135012.01 | 0.3749 | 0.2101 |
| Mercury | 94224-12-19 16:33 G | 36136022.09 | 36136022.19 | 36136022.30 | 0.3624 | 0.0235 |
| Mercury | 94230-07-05 07:26 G | 36138045.73 | 36138045.81 | 36138045.89 | 0.3622 | 0.2117 |
| Mercury | 94270-06-27 08:24 G | 36152647.79 | 36152647.85 | 36152647.90 | 0.3626 | 0.2992 |
| Mercury | 94276-01-10 23:02 G | 36154671.37 | 36154671.46 | 36154671.56 | 0.3625 | 0.1060 |
| Mercury | 94278-10-20 12:29 G | 36155684.86 | 36155685.02 | 36155685.18 | 0.3750 | 0.0821 |
| Mercury | 94281-07-26 13:55 G | 36156694.98 | 36156695.08 | 36156695.18 | 0.3623 | 0.0877 |
| Mercury | 94287-02-09 04:48 G | 36158718.63 | 36158718.70 | 36158718.76 | 0.3622 | 0.2821 |
| Mercury | 94327-02-02 05:31 G | 36173320.65 | 36173320.73 | 36173320.81 | 0.3626 | 0.2292 |
| Mercury | 94332-08-17 20:24 G | 36175344.25 | 36175344.35 | 36175344.45 | 0.3624 | 0.0382 |
| Mercury | 94338-03-03 11:02 G | 36177367.87 | 36177367.96 | 36177368.05 | 0.3623 | 0.1579 |
| Mercury | 94343-09-17 01:55 G | 36179391.56 | 36179391.58 | 36179391.60 | 0.3622 | 0.3505 |
| Mercury | 94378-02-23 12:00 G | 36191969.98 | 36191970.00 | 36191970.02 | 0.3627 | 0.3524 |
| Mercury | 94383-09-09 02:53 G | 36193993.53 | 36193993.62 | 36193993.71 | 0.3625 | 0.1608 |
| Mercury | 94386-06-18 05:02 G | 36195006.59 | 36195006.71 | 36195006.83 | 0.3749 | 0.2598 |
| Mercury | 94389-03-24 17:31 G | 36196017.13 | 36196017.23 | 36196017.33 | 0.3624 | 0.0337 |
| Mercury | 94394-10-08 08:24 G | 36198040.77 | 36198040.85 | 36198040.93 | 0.3622 | 0.2269 |
| Mercury | 94434-09-30 09:07 G | 36212642.82 | 36212642.88 | 36212642.94 | 0.3626 | 0.2833 |
| Mercury | 94440-04-15 00:00 G | 36214666.40 | 36214666.50 | 36214666.60 | 0.3625 | 0.0900 |
| Mercury | 94443-01-23 08:24 G | 36215679.69 | 36215679.85 | 36215680.02 | 0.3749 | 0.0324 |
| Mercury | 94445-10-29 14:53 G | 36216690.02 | 36216690.12 | 36216690.21 | 0.3623 | 0.1040 |
| Mercury | 94451-05-15 05:31 G | 36218713.68 | 36218713.73 | 36218713.79 | 0.3622 | 0.2970 |
| Mercury | 94491-05-07 06:29 G | 36233315.69 | 36233315.77 | 36233315.85 | 0.3626 | 0.2129 |
| Mercury | 94496-11-19 21:21 G | 36235339.29 | 36235339.39 | 36235339.49 | 0.3624 | 0.0236 |
| Mercury | 94499-08-30 12:00 G | 36236352.92 | 36236353.00 | 36236353.08 | 0.3750 | 0.3242 |
| Mercury | 94502-06-06 12:00 G | 36237362.92 | 36237363.00 | 36237363.09 | 0.3623 | 0.1738 |
| Mercury | 94542-05-29 12:57 G | 36251965.00 | 36251965.04 | 36251965.07 | 0.3627 | 0.3355 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 94547-12-13 03:36 G | 36253988.56 | 36253988.65 | 36253988.75 | 0.3625 | 0.1437 |
| Mercury | 94550-09-21 00:57 G | 36255001.45 | 36255001.54 | 36255001.62 | 0.3748 | 0.3150 |
| Mercury | 94553-06-27 18:29 G | 36256012.17 | 36256012.27 | 36256012.37 | 0.3624 | 0.0504 |
| Mercury | 94559-01-11 09:21 G | 36258035.81 | 36258035.89 | 36258035.96 | 0.3623 | 0.2433 |
| Mercury | 94599-01-03 10:05 G | 36272637.86 | 36272637.92 | 36272637.99 | 0.3626 | 0.2661 |
| Mercury | 94604-07-20 00:57 G | 36274661.44 | 36274661.54 | 36274661.64 | 0.3625 | 0.0731 |
| Mercury | 94607-04-29 04:19 G | 36275674.52 | 36275674.68 | 36275674.85 | 0.3749 | 0.0218 |
| Mercury | 94610-02-02 15:50 G | 36276685.06 | 36276685.16 | 36276685.25 | 0.3624 | 0.1203 |
| Mercury | 94615-08-19 06:29 G | 36278708.72 | 36278708.77 | 36278708.82 | 0.3622 | 0.3119 |
| Mercury | 94655-08-11 07:26 G | 36293310.72 | 36293310.81 | 36293310.89 | 0.3626 | 0.1968 |
| Mercury | 94661-02-23 22:05 G | 36295334.32 | 36295334.42 | 36295334.53 | 0.3625 | 0.0158 |
| Mercury | 94663-12-04 07:55 G | 36296347.72 | 36296347.83 | 36296347.94 | 0.3750 | 0.2714 |
| Mercury | 94666-09-09 12:57 G | 36297357.95 | 36297358.04 | 36297358.13 | 0.3623 | 0.1883 |
| Mercury | 94706-09-02 13:55 G | 36311960.03 | 36311960.08 | 36311960.12 | 0.3627 | 0.3199 |
| Mercury | 94712-03-18 04:33 G | 36313983.60 | 36313983.69 | 36313983.79 | 0.3626 | 0.1273 |
| Mercury | 94714-12-25 20:53 G | 36314996.34 | 36314996.37 | 36314996.41 | 0.3748 | 0.3634 |
| Mercury | 94717-10-01 19:26 G | 36316007.21 | 36316007.31 | 36316007.41 | 0.3624 | 0.0653 |
| Mercury | 94723-04-17 10:19 G | 36318030.86 | 36318030.93 | 36318030.99 | 0.3623 | 0.2582 |
| Mercury | 94763-04-09 11:02 G | 36332632.89 | 36332632.96 | 36332633.03 | 0.3627 | 0.2501 |
| Mercury | 94768-10-23 01:55 G | 36334656.48 | 36334656.58 | 36334656.68 | 0.3625 | 0.0581 |
| Mercury | 94771-08-02 00:29 G | 36335669.35 | 36335669.52 | 36335669.68 | 0.3749 | 0.0727 |
| Mercury | 94774-05-08 16:33 G | 36336680.10 | 36336680.19 | 36336680.29 | 0.3624 | 0.1353 |
| Mercury | 94779-11-22 07:26 G | 36338703.77 | 36338703.81 | 36338703.85 | 0.3622 | 0.3272 |
| Mercury | 94819-11-14 08:24 G | 36353305.76 | 36353305.85 | 36353305.93 | 0.3626 | 0.1803 |
| Mercury | 94825-05-29 23:02 G | 36355329.36 | 36355329.46 | 36355329.56 | 0.3624 | 0.0167 |
| Mercury | 94828-03-08 03:36 G | 36356342.52 | 36356342.65 | 36356342.79 | 0.3749 | 0.2142 |
| Mercury | 94830-12-13 13:55 G | 36357353.00 | 36357353.08 | 36357353.16 | 0.3623 | 0.2043 |
| Mercury | 94870-12-05 14:53 G | 36371955.06 | 36371955.12 | 36371955.17 | 0.3627 | 0.3029 |
| Mercury | 94876-06-20 05:31 G | 36373978.64 | 36373978.73 | 36373978.83 | 0.3626 | 0.1109 |
| Mercury | 94882-01-03 20:24 G | 36376002.25 | 36376002.35 | 36376002.45 | 0.3624 | 0.0817 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 94887-07-20 11:02 G | 36378025.90 | 36378025.96 | 36378026.03 | 0.3623 | 0.2739 |
| Mercury | 94927-07-13 12:00 G | 36392627.93 | 36392628.00 | 36392628.08 | 0.3627 | 0.2331 |
| Mercury | 94933-01-26 02:53 G | 36394651.52 | 36394651.62 | 36394651.72 | 0.3625 | 0.0421 |
| Mercury | 94935-11-04 20:09 G | 36395664.18 | 36395664.34 | 36395664.49 | 0.3748 | 0.1298 |
| Mercury | 94938-08-11 17:31 G | 36396675.14 | 36396675.23 | 36396675.32 | 0.3624 | 0.1506 |
| Mercury | 94944-02-25 08:24 G | 36398698.82 | 36398698.85 | 36398698.88 | 0.3622 | 0.3424 |
| Mercury | 94978-08-03 18:29 G | 36411277.25 | 36411277.27 | 36411277.29 | 0.3628 | 0.3560 |
| Mercury | 94984-02-17 09:21 G | 36413300.80 | 36413300.89 | 36413300.98 | 0.3626 | 0.1641 |
| Mercury | 94989-09-02 00:00 G | 36415324.40 | 36415324.50 | 36415324.60 | 0.3625 | 0.0275 |
| Mercury | 94992-06-10 23:45 G | 36416337.34 | 36416337.49 | 36416337.63 | 0.3749 | 0.1637 |
| Mercury | 94995-03-18 14:53 G | 36417348.04 | 36417348.12 | 36417348.20 | 0.3623 | 0.2193 |

96TH MILLENNIUM CE

This is a list of transits visible from Venus in the 96th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 95035-03-11 15:36 G | 36431950.09 | 36431950.15 | 36431950.21 | 0.3628 | 0.2870 | | |
| Mercury | 95040-09-24 06:29 G | 36433973.67 | 36433973.77 | 36433973.87 | 0.3626 | 0.0955 | | |
| Mercury | 95046-04-09 21:21 G | 36435997.29 | 36435997.39 | 36435997.48 | 0.3624 | 0.0972 | | |
| Mercury | 95051-10-24 12:00 G | 36438020.94 | 36438021.00 | 36438021.06 | 0.3623 | 0.2878 | | |
| Mercury | 95091-10-16 12:57 G | 36452622.96 | 36452623.04 | 36452623.12 | 0.3627 | 0.2177 | | |
| Mercury | 95097-05-01 03:36 G | 36454646.55 | 36454646.65 | 36454646.76 | 0.3625 | 0.0315 | | |
| Mercury | 95100-02-07 16:05 G | 36455659.03 | 36455659.17 | 36455659.31 | 0.3748 | 0.1816 | | |
| Mercury | 95102-11-15 18:29 G | 36456670.18 | 36456670.27 | 36456670.36 | 0.3624 | 0.1656 | | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 95108-05-31 09:21 G | 36458693.88 | 36458693.89 | 36458693.90 | 0.3622 | 0.3568 |
| Mercury | 95142-11-07 19:26 G | 36471272.28 | 36471272.31 | 36471272.34 | 0.3628 | 0.3399 |
| Mercury | 95148-05-23 10:05 G | 36473295.83 | 36473295.92 | 36473296.02 | 0.3626 | 0.1492 |
| Mercury | 95153-12-07 00:57 G | 36475319.44 | 36475319.54 | 36475319.64 | 0.3625 | 0.0431 |
| Mercury | 95156-09-14 19:41 G | 36476332.16 | 36476332.32 | 36476332.47 | 0.3749 | 0.1097 |
| Mercury | 95159-06-22 15:50 G | 36477343.08 | 36477343.16 | 36477343.23 | 0.3623 | 0.2346 |
| Mercury | 95199-06-14 16:33 G | 36491945.13 | 36491945.19 | 36491945.26 | 0.3628 | 0.2705 |
| Mercury | 95204-12-28 07:26 G | 36493968.71 | 36493968.81 | 36493968.91 | 0.3626 | 0.0791 |
| Mercury | 95210-07-13 22:19 G | 36495992.33 | 36495992.43 | 36495992.52 | 0.3625 | 0.1128 |
| Mercury | 95216-01-27 12:57 G | 36498015.99 | 36498016.04 | 36498016.10 | 0.3623 | 0.3033 |
| Mercury | 95256-01-19 13:55 G | 36512618.00 | 36512618.08 | 36512618.16 | 0.3627 | 0.2012 |
| Mercury | 95261-08-04 04:33 G | 36514641.59 | 36514641.69 | 36514641.80 | 0.3626 | 0.0187 |
| Mercury | 95264-05-12 12:00 G | 36515653.87 | 36515654.00 | 36515654.13 | 0.3747 | 0.2342 |
| Mercury | 95267-02-17 19:26 G | 36516665.22 | 36516665.31 | 36516665.40 | 0.3624 | 0.1808 |
| Mercury | 95307-02-10 20:24 G | 36531267.30 | 36531267.35 | 36531267.39 | 0.3628 | 0.3235 |
| Mercury | 95312-08-26 11:02 G | 36533290.87 | 36533290.96 | 36533291.06 | 0.3627 | 0.1335 |
| Mercury | 95318-03-12 01:55 G | 36535314.48 | 36535314.58 | 36535314.68 | 0.3625 | 0.0583 |
| Mercury | 95320-12-18 15:36 G | 36536326.98 | 36536327.15 | 36536327.31 | 0.3748 | 0.0571 |
| Mercury | 95323-09-25 16:33 G | 36537338.12 | 36537338.19 | 36537338.27 | 0.3624 | 0.2488 |
| Mercury | 95363-09-17 17:31 G | 36551940.16 | 36551940.23 | 36551940.30 | 0.3628 | 0.2555 |
| Mercury | 95369-04-02 08:24 G | 36553963.75 | 36553963.85 | 36553963.95 | 0.3626 | 0.0647 |
| Mercury | 95374-10-16 23:02 G | 36555987.37 | 36555987.46 | 36555987.56 | 0.3625 | 0.1270 |
| Mercury | 95377-07-25 18:57 G | 36557000.23 | 36557000.29 | 36557000.35 | 0.3749 | 0.3459 |
| Mercury | 95380-05-01 13:55 G | 36558011.03 | 36558011.08 | 36558011.13 | 0.3623 | 0.3167 |
| Mercury | 95420-04-24 14:53 G | 36572613.03 | 36572613.12 | 36572613.20 | 0.3627 | 0.1872 |
| Mercury | 95425-11-08 05:31 G | 36574636.63 | 36574636.73 | 36574636.83 | 0.3626 | 0.0109 |
| Mercury | 95428-08-16 07:55 G | 36575648.73 | 36575648.83 | 36575648.94 | 0.3747 | 0.2868 |
| Mercury | 95431-05-24 20:24 G | 36576660.26 | 36576660.35 | 36576660.43 | 0.3624 | 0.1950 |
| Mercury | 95471-05-16 21:21 G | 36591262.34 | 36591262.39 | 36591262.44 | 0.3628 | 0.3085 |
| Mercury | 95476-11-29 12:00 G | 36593285.91 | 36593286.00 | 36593286.10 | 0.3627 | 0.1178 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 95482-06-15 02:53 G | 36595309.52 | 36595309.62 | 36595309.72 | 0.3625 | 0.0734 |
| Mercury | 95485-03-23 11:17 G | 36596321.81 | 36596321.97 | 36596322.14 | 0.3748 | 0.0026 |
| Mercury | 95487-12-29 17:45 G | 36597333.17 | 36597333.24 | 36597333.30 | 0.3624 | 0.2640 |
| Mercury | 95527-12-22 18:28 G | 36611935.20 | 36611935.27 | 36611935.35 | 0.3628 | 0.2393 |
| Mercury | 95533-07-07 09:21 G | 36613958.79 | 36613958.89 | 36613958.99 | 0.3626 | 0.0489 |
| Mercury | 95539-01-21 00:00 G | 36615982.41 | 36615982.50 | 36615982.60 | 0.3625 | 0.1423 |
| Mercury | 95541-10-29 14:38 G | 36616995.01 | 36616995.11 | 36616995.22 | 0.3748 | 0.2847 |
| Mercury | 95544-08-05 14:52 G | 36618006.08 | 36618006.12 | 36618006.16 | 0.3623 | 0.3317 |
| Mercury | 95579-01-13 00:57 G | 36630584.53 | 36630584.54 | 36630584.55 | 0.3629 | 0.3608 |
| Mercury | 95584-07-28 15:50 G | 36632608.07 | 36632608.16 | 36632608.24 | 0.3628 | 0.1712 |
| Mercury | 95590-02-11 06:28 G | 36634631.67 | 36634631.77 | 36634631.87 | 0.3626 | 0.0227 |
| Mercury | 95592-11-19 03:50 G | 36635643.59 | 36635643.66 | 36635643.72 | 0.3746 | 0.3435 |
| Mercury | 95595-08-27 21:21 G | 36636655.31 | 36636655.39 | 36636655.47 | 0.3624 | 0.2094 |
| Mercury | 95635-08-19 22:04 G | 36651257.37 | 36651257.42 | 36651257.48 | 0.3629 | 0.2933 |
| Mercury | 95641-03-04 12:57 G | 36653280.95 | 36653281.04 | 36653281.14 | 0.3627 | 0.1023 |
| Mercury | 95646-09-18 03:50 G | 36655304.56 | 36655304.66 | 36655304.75 | 0.3625 | 0.0880 |
| Mercury | 95649-06-26 07:12 G | 36656316.64 | 36656316.80 | 36656316.96 | 0.3747 | 0.0557 |
| Mercury | 95652-04-02 18:28 G | 36657328.21 | 36657328.27 | 36657328.34 | 0.3624 | 0.2776 |
| Mercury | 95692-03-25 19:26 G | 36671930.23 | 36671930.31 | 36671930.39 | 0.3628 | 0.2244 |
| Mercury | 95697-10-09 10:19 G | 36673953.83 | 36673953.93 | 36673954.03 | 0.3626 | 0.0380 |
| Mercury | 95703-04-26 00:57 G | 36675977.45 | 36675977.54 | 36675977.63 | 0.3625 | 0.1554 |
| Mercury | 95706-02-01 10:48 G | 36676989.82 | 36676989.95 | 36676990.08 | 0.3748 | 0.2335 |
| Mercury | 95708-11-08 15:50 G | 36678001.13 | 36678001.16 | 36678001.19 | 0.3623 | 0.3454 |
| Mercury | 95743-04-18 01:55 G | 36690579.55 | 36690579.58 | 36690579.60 | 0.3629 | 0.3464 |
| Mercury | 95748-10-31 16:33 G | 36692603.10 | 36692603.19 | 36692603.28 | 0.3628 | 0.1568 |
| Mercury | 95754-05-17 07:26 G | 36694626.71 | 36694626.81 | 36694626.91 | 0.3626 | 0.0340 |
| Mercury | 95759-11-30 22:19 G | 36696650.35 | 36696650.43 | 36696650.51 | 0.3625 | 0.2239 |
| Mercury | 95799-11-22 23:02 G | 36711252.40 | 36711252.46 | 36711252.53 | 0.3629 | 0.2777 |
| Mercury | 95805-06-08 13:55 G | 36713275.98 | 36713276.08 | 36713276.18 | 0.3627 | 0.0873 |
| Mercury | 95810-12-23 04:48 G | 36715299.60 | 36715299.70 | 36715299.79 | 0.3626 | 0.1031 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 95813-09-30 03:07 G | 36716311.47 | 36716311.63 | 36716311.79 | 0.3747 | 0.1112 |
| Mercury | 95816-07-07 19:26 G | 36717323.26 | 36717323.31 | 36717323.37 | 0.3624 | 0.2923 |
| Mercury | 95856-06-29 20:24 G | 36731925.27 | 36731925.35 | 36731925.43 | 0.3628 | 0.2087 |
| Mercury | 95862-01-13 11:16 G | 36733948.87 | 36733948.97 | 36733949.07 | 0.3627 | 0.0235 |
| Mercury | 95867-07-30 01:55 G | 36735972.49 | 36735972.58 | 36735972.67 | 0.3625 | 0.1705 |
| Mercury | 95870-05-07 06:43 G | 36736984.63 | 36736984.78 | 36736984.92 | 0.3747 | 0.1783 |
| Mercury | 95873-02-11 16:48 G | 36737996.19 | 36737996.20 | 36737996.21 | 0.3624 | 0.3597 |
| Mercury | 95907-07-23 02:52 G | 36750574.58 | 36750574.62 | 36750574.66 | 0.3630 | 0.3305 |
| Mercury | 95913-02-04 17:31 G | 36752598.14 | 36752598.23 | 36752598.33 | 0.3628 | 0.1411 |
| Mercury | 95918-08-21 08:24 G | 36754621.75 | 36754621.85 | 36754621.95 | 0.3626 | 0.0486 |
| Mercury | 95924-03-05 23:16 G | 36756645.39 | 36756645.47 | 36756645.54 | 0.3625 | 0.2385 |
| Mercury | 95964-02-27 00:00 G | 36771247.43 | 36771247.50 | 36771247.57 | 0.3629 | 0.2622 |
| Mercury | 95969-09-11 14:52 G | 36773271.02 | 36773271.12 | 36773271.22 | 0.3627 | 0.0734 |
| Mercury | 95975-03-28 05:45 G | 36775294.64 | 36775294.74 | 36775294.83 | 0.3626 | 0.1176 |
| Mercury | 95978-01-02 23:16 G | 36776306.32 | 36776306.47 | 36776306.61 | 0.3746 | 0.1619 |
| Mercury | 95980-10-10 20:24 G | 36777318.30 | 36777318.35 | 36777318.40 | 0.3624 | 0.3050 |

97TH MILLENNIUM CE

This is a list of transits visible from Venus in the 97th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 96020-10-02 21:21 G | | 36791920.30 | 36791920.39 | 36791920.47 | 0.3629 | 0.1950 | |
| Mercury | 96026-04-18 12:00 G | | 36793943.90 | 36793944.00 | 36793944.10 | 0.3627 | 0.0118 | |
| Mercury | 96031-11-02 02:52 G | | 36795967.53 | 36795967.62 | 36795967.71 | 0.3625 | 0.1839 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 96034-08-10 02:38 G | 36796979.46 | 36796979.61 | 36796979.77 | 0.3747 | 0.1244 |
| Mercury | 96071-10-25 03:36 G | 36810569.61 | 36810569.65 | 36810569.70 | 0.3630 | 0.3165 |
| Mercury | 96077-05-09 18:28 G | 36812593.18 | 36812593.27 | 36812593.37 | 0.3628 | 0.1266 |
| Mercury | 96082-11-23 09:21 G | 36814616.79 | 36814616.89 | 36814616.99 | 0.3626 | 0.0630 |
| Mercury | 96088-06-08 00:14 G | 36816640.43 | 36816640.51 | 36816640.58 | 0.3625 | 0.2523 |
| Mercury | 96128-06-01 00:57 G | 36831242.47 | 36831242.54 | 36831242.61 | 0.3629 | 0.2476 |
| Mercury | 96133-12-15 15:50 G | 36833266.06 | 36833266.16 | 36833266.26 | 0.3628 | 0.0586 |
| Mercury | 96139-07-01 06:28 G | 36835289.68 | 36835289.77 | 36835289.87 | 0.3626 | 0.1320 |
| Mercury | 96142-04-07 18:57 G | 36836301.16 | 36836301.29 | 36836301.42 | 0.3746 | 0.2210 |
| Mercury | 96145-01-13 21:21 G | 36837313.35 | 36837313.39 | 36837313.44 | 0.3624 | 0.3193 |
| Mercury | 96185-01-05 22:19 G | 36851915.34 | 36851915.43 | 36851915.51 | 0.3629 | 0.1795 |
| Mercury | 96190-07-22 12:57 G | 36853938.94 | 36853939.04 | 36853939.14 | 0.3627 | 0.0151 |
| Mercury | 96196-02-05 03:50 G | 36855962.58 | 36855962.66 | 36855962.74 | 0.3625 | 0.1986 |
| Mercury | 96198-11-12 22:19 G | 36856974.27 | 36856974.43 | 36856974.60 | 0.3746 | 0.0640 |
| Mercury | 96236-01-29 04:48 G | 36870564.64 | 36870564.70 | 36870564.75 | 0.3630 | 0.3008 |
| Mercury | 96241-08-13 19:26 G | 36872588.22 | 36872588.31 | 36872588.41 | 0.3628 | 0.1117 |
| Mercury | 96247-02-27 10:19 G | 36874611.83 | 36874611.93 | 36874612.03 | 0.3627 | 0.0774 |
| Mercury | 96252-09-12 00:57 G | 36876635.48 | 36876635.54 | 36876635.61 | 0.3625 | 0.2652 |
| Mercury | 96255-06-21 01:55 G | 36877647.52 | 36877647.58 | 36877647.64 | 0.3747 | 0.3494 |
| Mercury | 96292-09-04 01:55 G | 36891237.50 | 36891237.58 | 36891237.65 | 0.3630 | 0.2333 |
| Mercury | 96298-03-20 16:48 G | 36893261.10 | 36893261.20 | 36893261.30 | 0.3628 | 0.0458 |
| Mercury | 96303-10-05 07:26 G | 36895284.72 | 36895284.81 | 36895284.90 | 0.3626 | 0.1440 |
| Mercury | 96306-07-12 14:52 G | 36896296.01 | 36896296.12 | 36896296.23 | 0.3745 | 0.2739 |
| Mercury | 96309-04-19 22:19 G | 36897308.39 | 36897308.43 | 36897308.47 | 0.3625 | 0.3320 |
| Mercury | 96343-09-27 08:24 G | 36909886.83 | 36909886.85 | 36909886.86 | 0.3631 | 0.3549 |
| Mercury | 96349-04-11 23:02 G | 36911910.38 | 36911910.46 | 36911910.55 | 0.3629 | 0.1661 |
| Mercury | 96354-10-26 13:55 G | 36913933.98 | 36913934.08 | 36913934.18 | 0.3627 | 0.0234 |
| Mercury | 96360-05-11 04:48 G | 36915957.62 | 36915957.70 | 36915957.78 | 0.3626 | 0.2114 |
| Mercury | 96363-02-16 18:28 G | 36916969.10 | 36916969.27 | 36916969.43 | 0.3746 | 0.0138 |
| Mercury | 96400-05-03 05:31 G | 36930559.67 | 36930559.73 | 36930559.79 | 0.3630 | 0.2869 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 96405-11-16 20:24 G | 36932583.25 | 36932583.35 | 36932583.45 | 0.3629 | 0.0977 |
| Mercury | 96411-06-02 11:16 G | 36934606.87 | 36934606.97 | 36934607.06 | 0.3627 | 0.0916 |
| Mercury | 96416-12-16 01:55 G | 36936630.52 | 36936630.58 | 36936630.65 | 0.3625 | 0.2788 |
| Mercury | 96419-09-23 21:50 G | 36937642.31 | 36937642.41 | 36937642.51 | 0.3747 | 0.2939 |
| Mercury | 96456-12-08 02:52 G | 36951232.54 | 36951232.62 | 36951232.70 | 0.3630 | 0.2185 |
| Mercury | 96462-06-23 17:45 G | 36953256.14 | 36953256.24 | 36953256.34 | 0.3628 | 0.0330 |
| Mercury | 96468-01-07 08:24 G | 36955279.76 | 36955279.85 | 36955279.94 | 0.3626 | 0.1586 |
| Mercury | 96470-10-14 10:48 G | 36956290.87 | 36956290.95 | 36956291.02 | 0.3745 | 0.3300 |
| Mercury | 96473-07-22 23:16 G | 36957303.44 | 36957303.47 | 36957303.50 | 0.3625 | 0.3459 |
| Mercury | 96507-12-31 09:21 G | 36969881.85 | 36969881.89 | 36969881.92 | 0.3631 | 0.3396 |
| Mercury | 96513-07-16 00:00 G | 36971905.41 | 36971905.50 | 36971905.60 | 0.3629 | 0.1515 |
| Mercury | 96519-01-29 14:52 G | 36973929.02 | 36973929.12 | 36973929.22 | 0.3628 | 0.0381 |
| Mercury | 96524-08-14 05:45 G | 36975952.66 | 36975952.74 | 36975952.82 | 0.3626 | 0.2253 |
| Mercury | 96527-05-22 14:09 G | 36976963.93 | 36976964.09 | 36976964.26 | 0.3745 | 0.0473 |
| Mercury | 96564-08-06 06:28 G | 36990554.71 | 36990554.77 | 36990554.84 | 0.3631 | 0.2717 |
| Mercury | 96570-02-19 21:21 G | 36992578.29 | 36992578.39 | 36992578.49 | 0.3629 | 0.0832 |
| Mercury | 96575-09-05 12:14 G | 36994601.91 | 36994602.01 | 36994602.10 | 0.3627 | 0.1056 |
| Mercury | 96581-03-21 02:52 G | 36996625.56 | 36996625.62 | 36996625.68 | 0.3626 | 0.2921 |
| Mercury | 96583-12-27 17:45 G | 36997637.12 | 36997637.24 | 36997637.37 | 0.3746 | 0.2388 |
| Mercury | 96621-03-14 03:50 G | 37011227.58 | 37011227.66 | 37011227.74 | 0.3630 | 0.2041 |
| Mercury | 96626-09-27 18:28 G | 37013251.17 | 37013251.27 | 37013251.37 | 0.3628 | 0.0211 |
| Mercury | 96632-04-12 09:21 G | 37015274.80 | 37015274.89 | 37015274.98 | 0.3627 | 0.1712 |
| Mercury | 96637-10-27 00:14 G | 37017298.50 | 37017298.51 | 37017298.52 | 0.3625 | 0.3581 |
| Mercury | 96672-04-04 10:04 G | 37029876.88 | 37029876.92 | 37029876.97 | 0.3632 | 0.3258 |
| Mercury | 96677-10-19 00:57 G | 37031900.45 | 37031900.54 | 37031900.63 | 0.3630 | 0.1375 |
| Mercury | 96683-05-04 15:50 G | 37033924.06 | 37033924.16 | 37033924.26 | 0.3628 | 0.0507 |
| Mercury | 96688-11-17 06:43 G | 37035947.70 | 37035947.78 | 37035947.85 | 0.3626 | 0.2384 |
| Mercury | 96691-08-25 10:19 G | 37036958.77 | 37036958.93 | 37036959.09 | 0.3745 | 0.0997 |
| Mercury | 96728-11-10 07:26 G | 37050549.74 | 37050549.81 | 37050549.88 | 0.3631 | 0.2578 |
| Mercury | 96734-05-26 22:19 G | 37052573.33 | 37052573.43 | 37052573.53 | 0.3629 | 0.0706 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 96739-12-10 13:12 G | 37054596.95 | 37054597.05 | 37054597.14 | 0.3627 | 0.1190 |
| Mercury | 96745-06-25 03:50 G | 37056620.61 | 37056620.66 | 37056620.71 | 0.3626 | 0.3049 |
| Mercury | 96748-04-01 13:40 G | 37057631.92 | 37057632.07 | 37057632.21 | 0.3746 | 0.1785 |
| Mercury | 96785-06-17 04:48 G | 37071222.61 | 37071222.70 | 37071222.78 | 0.3630 | 0.1906 |
| Mercury | 96790-12-31 19:26 G | 37073246.21 | 37073246.31 | 37073246.41 | 0.3629 | 0.0119 |
| Mercury | 96796-07-16 10:19 G | 37075269.84 | 37075269.93 | 37075270.02 | 0.3627 | 0.1849 |
| Mercury | 96836-07-08 11:02 G | 37089871.91 | 37089871.96 | 37089872.01 | 0.3632 | 0.3111 |
| Mercury | 96842-01-22 01:55 G | 37091895.49 | 37091895.58 | 37091895.68 | 0.3630 | 0.1230 |
| Mercury | 96847-08-07 16:48 G | 37093919.10 | 37093919.20 | 37093919.30 | 0.3628 | 0.0648 |
| Mercury | 96853-02-20 07:40 G | 37095942.74 | 37095942.82 | 37095942.89 | 0.3626 | 0.2519 |
| Mercury | 96855-11-28 06:00 G | 37096953.60 | 37096953.75 | 37096953.90 | 0.3744 | 0.1583 |
| Mercury | 96893-02-12 08:24 G | 37110544.78 | 37110544.85 | 37110544.92 | 0.3631 | 0.2433 |
| Mercury | 96898-08-28 23:16 G | 37112568.37 | 37112568.47 | 37112568.57 | 0.3630 | 0.0573 |
| Mercury | 96904-03-14 13:55 G | 37114591.99 | 37114592.08 | 37114592.18 | 0.3628 | 0.1322 |
| Mercury | 96909-09-28 04:48 G | 37116615.65 | 37116615.70 | 37116615.75 | 0.3626 | 0.3170 |
| Mercury | 96912-07-05 09:36 G | 37117626.74 | 37117626.90 | 37117627.06 | 0.3745 | 0.1233 |
| Mercury | 96949-09-20 05:31 G | 37131217.65 | 37131217.73 | 37131217.82 | 0.3631 | 0.1775 |
| Mercury | 96955-04-05 20:24 G | 37133241.25 | 37133241.35 | 37133241.45 | 0.3629 | 0.0129 |
| Mercury | 96960-10-19 11:16 G | 37135264.88 | 37135264.97 | 37135265.05 | 0.3627 | 0.1971 |
| Mercury | 97000-10-12 12:00 G | 37149866.95 | 37149867.00 | 37149867.06 | 0.3632 | 0.2977 |

98TH MILLENNIUM CE

This is a list of transits visible from Venus in the 98th millennium CE.

| PLANET | MAX- TRANSIT | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|-----------------|---|-------|-----|-----|--------|-------|---|
|--------|-----------------|---|-------|-----|-----|--------|-------|---|

TIME

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 97006-04-28 02:52 G | 37151890.52 | 37151890.62 | 37151890.72 | 0.3630 | 0.1099 |
| Mercury | 97011-11-11 17:45 G | 37153914.14 | 37153914.24 | 37153914.34 | 0.3628 | 0.0778 |
| Mercury | 97017-05-27 08:24 G | 37155937.79 | 37155937.85 | 37155937.92 | 0.3627 | 0.2637 |
| Mercury | 97020-03-03 01:55 G | 37156948.45 | 37156948.58 | 37156948.72 | 0.3744 | 0.2129 |
| Mercury | 97057-05-19 09:21 G | 37170539.81 | 37170539.89 | 37170539.96 | 0.3631 | 0.2307 |
| Mercury | 97062-12-03 00:14 G | 37172563.41 | 37172563.51 | 37172563.61 | 0.3630 | 0.0456 |
| Mercury | 97068-06-17 14:52 G | 37174587.03 | 37174587.12 | 37174587.21 | 0.3628 | 0.1441 |
| Mercury | 97074-01-01 05:45 G | 37176610.70 | 37176610.74 | 37176610.78 | 0.3626 | 0.3301 |
| Mercury | 97076-10-08 05:31 G | 37177621.57 | 37177621.73 | 37177621.89 | 0.3745 | 0.0672 |
| Mercury | 97108-06-10 15:50 G | 37189189.13 | 37189189.16 | 37189189.18 | 0.3633 | 0.3508 |
| Mercury | 97113-12-25 06:28 G | 37191212.68 | 37191212.77 | 37191212.86 | 0.3631 | 0.1636 |
| Mercury | 97119-07-10 21:21 G | 37193236.29 | 37193236.39 | 37193236.49 | 0.3629 | 0.0257 |
| Mercury | 97125-01-23 12:14 G | 37195259.93 | 37195260.01 | 37195260.09 | 0.3627 | 0.2106 |
| Mercury | 97133-05-16 09:07 G | 37198294.82 | 37198294.88 | 37198294.94 | 0.3745 | 0.3469 |
| Mercury | 97165-01-15 12:57 G | 37209861.98 | 37209862.04 | 37209862.10 | 0.3632 | 0.2832 |
| Mercury | 97170-08-01 03:50 G | 37211885.56 | 37211885.66 | 37211885.76 | 0.3631 | 0.0957 |
| Mercury | 97176-02-14 18:43 G | 37213909.18 | 37213909.28 | 37213909.37 | 0.3629 | 0.0914 |
| Mercury | 97181-08-30 09:21 G | 37215932.83 | 37215932.89 | 37215932.96 | 0.3627 | 0.2767 |
| Mercury | 97184-06-05 22:04 G | 37216943.30 | 37216943.42 | 37216943.53 | 0.3743 | 0.2676 |
| Mercury | 97221-08-22 10:19 G | 37230534.85 | 37230534.93 | 37230535.01 | 0.3632 | 0.2167 |
| Mercury | 97227-03-08 01:12 G | 37232558.45 | 37232558.55 | 37232558.65 | 0.3630 | 0.0330 |
| Mercury | 97232-09-20 15:50 G | 37234582.07 | 37234582.16 | 37234582.25 | 0.3628 | 0.1564 |
| Mercury | 97238-04-06 06:43 G | 37236605.75 | 37236605.78 | 37236605.81 | 0.3626 | 0.3425 |
| Mercury | 97241-01-11 01:26 G | 37237616.40 | 37237616.56 | 37237616.73 | 0.3744 | 0.0165 |
| Mercury | 97272-09-12 16:33 G | 37249184.16 | 37249184.19 | 37249184.23 | 0.3633 | 0.3375 |
| Mercury | 97278-03-29 07:26 G | 37251207.72 | 37251207.81 | 37251207.90 | 0.3631 | 0.1498 |
| Mercury | 97283-10-12 22:19 G | 37253231.33 | 37253231.43 | 37253231.53 | 0.3629 | 0.0364 |
| Mercury | 97289-04-27 13:11 G | 37255254.97 | 37255255.05 | 37255255.12 | 0.3628 | 0.2228 |
| Mercury | 97297-08-18 05:02 G | 37258289.61 | 37258289.71 | 37258289.81 | 0.3745 | 0.2911 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 97329-04-20 13:55 G | 37269857.01 | 37269857.08 | 37269857.14 | 0.3633 | 0.2703 |
| Mercury | 97334-11-04 04:48 G | 37271880.60 | 37271880.70 | 37271880.80 | 0.3631 | 0.0837 |
| Mercury | 97340-05-19 19:26 G | 37273904.22 | 37273904.31 | 37273904.41 | 0.3629 | 0.1039 |
| Mercury | 97345-12-03 10:19 G | 37275927.87 | 37275927.93 | 37275927.99 | 0.3627 | 0.2887 |
| Mercury | 97348-09-08 18:00 G | 37276938.17 | 37276938.25 | 37276938.33 | 0.3743 | 0.3197 |
| Mercury | 97385-11-25 11:16 G | 37290529.88 | 37290529.97 | 37290530.05 | 0.3632 | 0.2039 |
| Mercury | 97391-06-11 01:55 G | 37292553.48 | 37292553.58 | 37292553.68 | 0.3630 | 0.0203 |
| Mercury | 97396-12-24 16:48 G | 37294577.11 | 37294577.20 | 37294577.29 | 0.3628 | 0.1692 |
| Mercury | 97402-07-11 07:40 G | 37296600.80 | 37296600.82 | 37296600.84 | 0.3626 | 0.3546 |
| Mercury | 97405-04-16 21:21 G | 37297611.22 | 37297611.39 | 37297611.55 | 0.3743 | 0.0492 |
| Mercury | 97436-12-17 17:31 G | 37309179.19 | 37309179.23 | 37309179.28 | 0.3634 | 0.3237 |
| Mercury | 97442-07-03 08:24 G | 37311202.76 | 37311202.85 | 37311202.94 | 0.3632 | 0.1363 |
| Mercury | 97448-01-16 23:16 G | 37313226.37 | 37313226.47 | 37313226.57 | 0.3630 | 0.0499 |
| Mercury | 97453-08-01 14:09 G | 37315250.01 | 37315250.09 | 37315250.16 | 0.3628 | 0.2358 |
| Mercury | 97461-11-22 00:43 G | 37318284.40 | 37318284.53 | 37318284.66 | 0.3744 | 0.2292 |
| Mercury | 97493-07-24 14:52 G | 37329852.05 | 37329852.12 | 37329852.19 | 0.3633 | 0.2563 |
| Mercury | 97499-02-07 05:45 G | 37331875.64 | 37331875.74 | 37331875.84 | 0.3631 | 0.0699 |
| Mercury | 97504-08-23 20:24 G | 37333899.26 | 37333899.35 | 37333899.45 | 0.3629 | 0.1172 |
| Mercury | 97510-03-09 11:16 G | 37335922.92 | 37335922.97 | 37335923.03 | 0.3627 | 0.3013 |
| Mercury | 97550-03-01 12:00 G | 37350524.92 | 37350525.00 | 37350525.09 | 0.3632 | 0.1903 |
| Mercury | 97555-09-15 02:52 G | 37352548.52 | 37352548.62 | 37352548.72 | 0.3631 | 0.0068 |
| Mercury | 97561-03-30 17:45 G | 37354572.15 | 37354572.24 | 37354572.33 | 0.3629 | 0.1819 |
| Mercury | 97569-07-20 17:16 G | 37357606.06 | 37357606.22 | 37357606.38 | 0.3743 | 0.1025 |
| Mercury | 97601-03-22 18:28 G | 37369174.22 | 37369174.27 | 37369174.32 | 0.3634 | 0.3100 |
| Mercury | 97606-10-06 09:21 G | 37371197.80 | 37371197.89 | 37371197.98 | 0.3632 | 0.1240 |
| Mercury | 97612-04-21 00:14 G | 37373221.41 | 37373221.51 | 37373221.61 | 0.3630 | 0.0625 |
| Mercury | 97617-11-04 14:52 G | 37375245.05 | 37375245.12 | 37375245.20 | 0.3628 | 0.2475 |
| Mercury | 97626-02-24 20:52 G | 37378279.23 | 37378279.37 | 37378279.52 | 0.3744 | 0.1762 |
| Mercury | 97657-10-27 15:50 G | 37389847.08 | 37389847.16 | 37389847.23 | 0.3633 | 0.2442 |
| Mercury | 97663-05-13 06:43 G | 37391870.68 | 37391870.78 | 37391870.87 | 0.3631 | 0.0603 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 97668-11-25 21:21 G | 37393894.30 | 37393894.39 | 37393894.49 | 0.3629 | 0.1283 |
| Mercury | 97674-06-11 12:14 G | 37395917.96 | 37395918.01 | 37395918.06 | 0.3628 | 0.3123 |
| Mercury | 97714-06-04 12:57 G | 37410519.95 | 37410520.04 | 37410520.13 | 0.3633 | 0.1775 |
| Mercury | 97719-12-19 03:50 G | 37412543.56 | 37412543.66 | 37412543.76 | 0.3631 | 0.0093 |
| Mercury | 97725-07-03 18:43 G | 37414567.20 | 37414567.28 | 37414567.36 | 0.3629 | 0.1939 |
| Mercury | 97733-10-23 13:11 G | 37417600.90 | 37417601.05 | 37417601.20 | 0.3742 | 0.1577 |
| Mercury | 97765-06-25 19:26 G | 37429169.25 | 37429169.31 | 37429169.37 | 0.3634 | 0.2970 |
| Mercury | 97771-01-09 10:19 G | 37431192.83 | 37431192.93 | 37431193.03 | 0.3632 | 0.1108 |
| Mercury | 97776-07-25 01:11 G | 37433216.45 | 37433216.55 | 37433216.65 | 0.3630 | 0.0752 |
| Mercury | 97782-02-07 16:04 G | 37435240.10 | 37435240.17 | 37435240.23 | 0.3628 | 0.2600 |
| Mercury | 97790-05-30 16:48 G | 37438274.04 | 37438274.20 | 37438274.36 | 0.3743 | 0.1180 |
| Mercury | 97822-01-31 16:48 G | 37449842.12 | 37449842.20 | 37449842.27 | 0.3634 | 0.2306 |
| Mercury | 97827-08-17 07:26 G | 37451865.71 | 37451865.81 | 37451865.91 | 0.3632 | 0.0475 |
| Mercury | 97833-03-01 22:19 G | 37453889.34 | 37453889.43 | 37453889.53 | 0.3630 | 0.1411 |
| Mercury | 97838-09-15 13:11 G | 37455913.01 | 37455913.05 | 37455913.09 | 0.3628 | 0.3242 |
| Mercury | 97873-02-21 23:02 G | 37468491.44 | 37468491.46 | 37468491.49 | 0.3635 | 0.3505 |
| Mercury | 97878-09-07 13:55 G | 37470514.99 | 37470515.08 | 37470515.17 | 0.3633 | 0.1644 |
| Mercury | 97884-03-23 04:48 G | 37472538.60 | 37472538.70 | 37472538.80 | 0.3631 | 0.0216 |
| Mercury | 97889-10-06 19:40 G | 37474562.24 | 37474562.32 | 37474562.40 | 0.3629 | 0.2053 |
| Mercury | 97898-01-26 09:21 G | 37477595.76 | 37477595.89 | 37477596.03 | 0.3741 | 0.2096 |
| Mercury | 97929-09-29 20:24 G | 37489164.29 | 37489164.35 | 37489164.41 | 0.3635 | 0.2848 |
| Mercury | 97935-04-15 11:16 G | 37491187.87 | 37491187.97 | 37491188.06 | 0.3633 | 0.0988 |
| Mercury | 97940-10-29 01:55 G | 37493211.49 | 37493211.58 | 37493211.68 | 0.3631 | 0.0878 |
| Mercury | 97946-05-14 16:48 G | 37495235.14 | 37495235.20 | 37495235.27 | 0.3629 | 0.2704 |
| Mercury | 97954-09-03 12:57 G | 37498268.87 | 37498269.04 | 37498269.20 | 0.3742 | 0.0642 |
| Mercury | 97986-05-06 17:31 G | 37509837.15 | 37509837.23 | 37509837.31 | 0.3634 | 0.2187 |
| Mercury | 97991-11-20 08:24 G | 37511860.75 | 37511860.85 | 37511860.95 | 0.3632 | 0.0343 |
| Mercury | 97997-06-04 23:16 G | 37513884.38 | 37513884.47 | 37513884.56 | 0.3630 | 0.1518 |

99TH MILLENNIUM CE

This is a list of transits visible from Venus in the 99th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 98002-12-19 14:09 G | | 37515908.05 | 37515908.09 | 37515908.12 | 0.3628 | 0.3356 | |
| Mercury | 98011-04-10 16:04 G | | 37518942.10 | 37518942.17 | 37518942.25 | 0.3743 | 0.3325 | |
| Mercury | 98037-05-28 00:00 G | | 37528486.47 | 37528486.50 | 37528486.53 | 0.3635 | 0.3384 | |
| Mercury | 98042-12-11 14:52 G | | 37530510.03 | 37530510.12 | 37530510.21 | 0.3633 | 0.1521 | |
| Mercury | 98048-06-26 05:45 G | | 37532533.64 | 37532533.74 | 37532533.84 | 0.3631 | 0.0334 | |
| Mercury | 98054-01-09 20:38 G | | 37534557.28 | 37534557.36 | 37534557.44 | 0.3629 | 0.2175 | |
| Mercury | 98062-05-01 05:16 G | | 37537590.60 | 37537590.72 | 37537590.83 | 0.3741 | 0.2700 | |
| Mercury | 98094-01-01 21:21 G | | 37549159.32 | 37549159.39 | 37549159.45 | 0.3635 | 0.2717 | |
| Mercury | 98099-07-18 12:14 G | | 37551182.91 | 37551183.01 | 37551183.10 | 0.3633 | 0.0864 | |
| Mercury | 98105-02-01 03:07 G | | 37553206.53 | 37553206.63 | 37553206.72 | 0.3631 | 0.1002 | |
| Mercury | 98110-08-17 17:45 G | | 37555230.18 | 37555230.24 | 37555230.30 | 0.3629 | 0.2829 | |
| Mercury | 98118-12-07 08:38 G | | 37558263.70 | 37558263.86 | 37558264.03 | 0.3742 | 0.0037 | |
| Mercury | 98150-08-09 18:28 G | | 37569832.19 | 37569832.27 | 37569832.36 | 0.3634 | 0.2056 | |
| Mercury | 98156-02-23 09:21 G | | 37571855.79 | 37571855.89 | 37571855.99 | 0.3632 | 0.0225 | |
| Mercury | 98161-09-08 00:14 G | | 37573879.42 | 37573879.51 | 37573879.60 | 0.3630 | 0.1639 | |
| Mercury | 98167-03-24 15:07 G | | 37575903.10 | 37575903.13 | 37575903.15 | 0.3628 | 0.3474 | |
| Mercury | 98175-07-14 12:14 G | | 37578936.90 | 37578937.01 | 37578937.12 | 0.3743 | 0.2756 | |
| Mercury | 98201-09-01 00:57 G | | 37588481.50 | 37588481.54 | 37588481.58 | 0.3636 | 0.3251 | |
| Mercury | 98207-03-17 15:50 G | | 37590505.07 | 37590505.16 | 37590505.25 | 0.3634 | 0.1393 | |
| Mercury | 98212-09-30 06:43 G | | 37592528.68 | 37592528.78 | 37592528.88 | 0.3632 | 0.0459 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 98218-04-15 21:35 G | 37594552.32 | 37594552.40 | 37594552.47 | 0.3630 | 0.2293 |
| Mercury | 98226-08-05 01:11 G | 37597585.47 | 37597585.55 | 37597585.63 | 0.3740 | 0.3214 |
| Mercury | 98258-04-07 22:19 G | 37609154.36 | 37609154.43 | 37609154.50 | 0.3635 | 0.2593 |
| Mercury | 98263-10-22 12:57 G | 37611177.95 | 37611178.04 | 37611178.14 | 0.3633 | 0.0760 |
| Mercury | 98269-05-07 03:50 G | 37613201.57 | 37613201.66 | 37613201.76 | 0.3631 | 0.1107 |
| Mercury | 98274-11-20 18:43 G | 37615225.22 | 37615225.28 | 37615225.34 | 0.3629 | 0.2931 |
| Mercury | 98283-03-12 04:48 G | 37618258.53 | 37618258.70 | 37618258.86 | 0.3741 | 0.0534 |
| Mercury | 98314-11-13 19:26 G | 37629827.23 | 37629827.31 | 37629827.40 | 0.3635 | 0.1936 |
| Mercury | 98320-05-29 10:19 G | 37631850.83 | 37631850.93 | 37631851.03 | 0.3633 | 0.0089 |
| Mercury | 98325-12-13 01:11 G | 37633874.46 | 37633874.55 | 37633874.64 | 0.3631 | 0.1751 |
| Mercury | 98331-06-28 16:04 G | 37635898.15 | 37635898.17 | 37635898.18 | 0.3629 | 0.3581 |
| Mercury | 98339-10-18 08:09 G | 37638931.71 | 37638931.84 | 37638931.97 | 0.3742 | 0.2200 |
| Mercury | 98365-12-05 01:55 G | 37648476.53 | 37648476.58 | 37648476.63 | 0.3636 | 0.3131 |
| Mercury | 98371-06-20 16:48 G | 37650500.10 | 37650500.20 | 37650500.29 | 0.3634 | 0.1281 |
| Mercury | 98377-01-03 07:40 G | 37652523.72 | 37652523.82 | 37652523.92 | 0.3632 | 0.0576 |
| Mercury | 98382-07-19 22:33 G | 37654547.36 | 37654547.44 | 37654547.51 | 0.3630 | 0.2406 |
| Mercury | 98422-07-11 23:02 G | 37669149.39 | 37669149.46 | 37669149.54 | 0.3636 | 0.2471 |
| Mercury | 98428-01-25 13:55 G | 37671172.98 | 37671173.08 | 37671173.18 | 0.3634 | 0.0633 |
| Mercury | 98433-08-10 04:48 G | 37673196.61 | 37673196.70 | 37673196.80 | 0.3631 | 0.1226 |
| Mercury | 98439-02-23 19:40 G | 37675220.27 | 37675220.32 | 37675220.37 | 0.3630 | 0.3050 |
| Mercury | 98447-06-15 00:43 G | 37678253.37 | 37678253.53 | 37678253.69 | 0.3740 | 0.1082 |
| Mercury | 98479-02-15 20:24 G | 37689822.26 | 37689822.35 | 37689822.44 | 0.3635 | 0.1808 |
| Mercury | 98484-08-31 11:16 G | 37691845.87 | 37691845.97 | 37691846.07 | 0.3633 | 0.0036 |
| Mercury | 98490-03-17 02:09 G | 37693869.50 | 37693869.59 | 37693869.67 | 0.3631 | 0.1869 |
| Mercury | 98504-01-21 04:19 G | 37698926.53 | 37698926.68 | 37698926.83 | 0.3741 | 0.1645 |
| Mercury | 98530-03-10 02:52 G | 37708471.56 | 37708471.62 | 37708471.67 | 0.3637 | 0.3004 |
| Mercury | 98535-09-23 17:45 G | 37710495.14 | 37710495.24 | 37710495.33 | 0.3635 | 0.1168 |
| Mercury | 98541-04-08 08:38 G | 37712518.76 | 37712518.86 | 37712518.95 | 0.3632 | 0.0699 |
| Mercury | 98546-10-22 23:16 G | 37714542.40 | 37714542.47 | 37714542.54 | 0.3630 | 0.2508 |
| Mercury | 98586-10-15 00:00 G | 37729144.43 | 37729144.50 | 37729144.58 | 0.3636 | 0.2355 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 98592-04-29 14:52 G | 37731168.02 | 37731168.12 | 37731168.22 | 0.3634 | 0.0508 |
| Mercury | 98597-11-13 05:45 G | 37733191.65 | 37733191.74 | 37733191.83 | 0.3632 | 0.1326 |
| Mercury | 98603-05-30 20:38 G | 37735215.31 | 37735215.36 | 37735215.41 | 0.3630 | 0.3150 |
| Mercury | 98611-09-18 20:52 G | 37738248.22 | 37738248.37 | 37738248.52 | 0.3740 | 0.1603 |
| Mercury | 98637-11-06 06:28 G | 37747793.75 | 37747793.77 | 37747793.79 | 0.3638 | 0.3549 |
| Mercury | 98643-05-22 21:21 G | 37749817.30 | 37749817.39 | 37749817.48 | 0.3635 | 0.1699 |
| Mercury | 98648-12-05 12:14 G | 37751840.91 | 37751841.01 | 37751841.11 | 0.3633 | 0.0157 |
| Mercury | 98654-06-21 03:07 G | 37753864.54 | 37753864.63 | 37753864.71 | 0.3631 | 0.1976 |
| Mercury | 98668-04-25 00:00 G | 37758921.35 | 37758921.50 | 37758921.66 | 0.3741 | 0.1027 |
| Mercury | 98694-06-13 03:35 G | 37768466.59 | 37768466.65 | 37768466.71 | 0.3637 | 0.2893 |
| Mercury | 98699-12-27 18:28 G | 37770490.18 | 37770490.27 | 37770490.37 | 0.3635 | 0.1052 |
| Mercury | 98705-07-13 09:21 G | 37772513.80 | 37772513.89 | 37772513.99 | 0.3633 | 0.0808 |
| Mercury | 98711-01-27 00:14 G | 37774537.45 | 37774537.51 | 37774537.58 | 0.3631 | 0.2623 |
| Mercury | 98724-12-01 03:35 G | 37779594.63 | 37779594.65 | 37779594.66 | 0.3742 | 0.3714 |
| Mercury | 98751-01-19 00:57 G | 37789139.46 | 37789139.54 | 37789139.62 | 0.3636 | 0.2231 |
| Mercury | 98756-08-03 15:50 G | 37791163.06 | 37791163.16 | 37791163.26 | 0.3634 | 0.0392 |
| Mercury | 98762-02-17 06:43 G | 37793186.69 | 37793186.78 | 37793186.87 | 0.3632 | 0.1445 |
| Mercury | 98767-09-02 21:35 G | 37795210.36 | 37795210.40 | 37795210.44 | 0.3630 | 0.3264 |
| Mercury | 98775-12-22 16:48 G | 37798243.06 | 37798243.20 | 37798243.33 | 0.3739 | 0.2187 |
| Mercury | 98802-02-09 07:26 G | 37807788.78 | 37807788.81 | 37807788.84 | 0.3638 | 0.3424 |
| Mercury | 98807-08-25 22:19 G | 37809812.34 | 37809812.43 | 37809812.52 | 0.3636 | 0.1576 |
| Mercury | 98813-03-10 13:11 G | 37811835.95 | 37811836.05 | 37811836.15 | 0.3634 | 0.0276 |
| Mercury | 98818-09-24 04:04 G | 37813859.58 | 37813859.67 | 37813859.75 | 0.3632 | 0.2090 |
| Mercury | 98832-07-28 20:09 G | 37818916.18 | 37818916.34 | 37818916.50 | 0.3740 | 0.0480 |
| Mercury | 98858-09-16 04:33 G | 37828461.63 | 37828461.69 | 37828461.76 | 0.3637 | 0.2770 |
| Mercury | 98864-03-31 19:26 G | 37830485.22 | 37830485.31 | 37830485.41 | 0.3635 | 0.0931 |
| Mercury | 98869-10-15 10:19 G | 37832508.84 | 37832508.93 | 37832509.03 | 0.3633 | 0.0905 |
| Mercury | 98875-05-01 01:11 G | 37834532.49 | 37834532.55 | 37834532.62 | 0.3631 | 0.2729 |
| Mercury | 98889-03-04 23:45 G | 37839589.40 | 37839589.49 | 37839589.57 | 0.3741 | 0.3170 |
| Mercury | 98915-04-24 01:55 G | 37849134.50 | 37849134.58 | 37849134.66 | 0.3637 | 0.2114 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 98920-11-06 16:48 G | 37851158.10 | 37851158.20 | 37851158.30 | 0.3635 | 0.0284 |
| Mercury | 98926-05-23 07:40 G | 37853181.73 | 37853181.82 | 37853181.91 | 0.3633 | 0.1547 |
| Mercury | 98931-12-06 22:33 G | 37855205.40 | 37855205.44 | 37855205.47 | 0.3630 | 0.3362 |
| Mercury | 98940-03-26 12:43 G | 37858237.92 | 37858238.03 | 37858238.14 | 0.3738 | 0.2729 |
| Mercury | 98966-05-15 08:09 G | 37867783.80 | 37867783.84 | 37867783.88 | 0.3638 | 0.3313 |
| Mercury | 98971-11-28 23:02 G | 37869807.37 | 37869807.46 | 37869807.56 | 0.3636 | 0.1473 |
| Mercury | 98977-06-13 13:55 G | 37871830.98 | 37871831.08 | 37871831.19 | 0.3634 | 0.0402 |
| Mercury | 98982-12-28 05:02 G | 37873854.63 | 37873854.71 | 37873854.78 | 0.3632 | 0.2197 |
| Mercury | 98996-10-31 16:19 G | 37878911.01 | 37878911.18 | 37878911.34 | 0.3739 | 0.0100 |

100TH MILLENNIUM CE

This is a list of transits visible from Venus in the 100th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 99022-12-21 05:31 G | | 37888456.66 | 37888456.73 | 37888456.80 | 0.3638 | 0.2655 | |
| Mercury | 99028-07-05 20:23 G | | 37890480.25 | 37890480.35 | 37890480.45 | 0.3635 | 0.0815 | |
| Mercury | 99034-01-19 11:16 G | | 37892503.88 | 37892503.97 | 37892504.07 | 0.3633 | 0.1016 | |
| Mercury | 99039-08-05 02:09 G | | 37894527.53 | 37894527.59 | 37894527.65 | 0.3631 | 0.2833 | |
| Mercury | 99053-06-08 19:40 G | | 37899584.20 | 37899584.32 | 37899584.44 | 0.3740 | 0.2567 | |
| Mercury | 99079-07-28 02:52 G | | 37909129.53 | 37909129.62 | 37909129.70 | 0.3637 | 0.1999 | |
| Mercury | 99085-02-09 17:45 G | | 37911153.14 | 37911153.24 | 37911153.34 | 0.3635 | 0.0172 | |
| Mercury | 99090-08-26 08:38 G | | 37913176.77 | 37913176.86 | 37913176.95 | 0.3633 | 0.1662 | |
| Mercury | 99096-03-10 23:31 G | | 37915200.45 | 37915200.48 | 37915200.50 | 0.3631 | 0.3471 | |
| Mercury | 99104-06-30 08:52 G | | 37918232.79 | 37918232.87 | 37918232.95 | 0.3737 | 0.3252 | |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 99130-08-19 09:07 G | 37927778.84 | 37927778.88 | 37927778.93 | 0.3639 | 0.3190 |
| Mercury | 99136-03-03 23:59 G | 37929802.41 | 37929802.50 | 37929802.60 | 0.3636 | 0.1355 |
| Mercury | 99141-09-17 14:52 G | 37931826.03 | 37931826.12 | 37931826.22 | 0.3635 | 0.0509 |
| Mercury | 99147-04-03 05:45 G | 37933849.67 | 37933849.74 | 37933849.82 | 0.3632 | 0.2306 |
| Mercury | 99161-02-04 12:14 G | 37938905.85 | 37938906.01 | 37938906.18 | 0.3738 | 0.0624 |
| Mercury | 99187-03-26 06:28 G | 37948451.70 | 37948451.77 | 37948451.84 | 0.3638 | 0.2535 |
| Mercury | 99192-10-08 21:21 G | 37950475.29 | 37950475.39 | 37950475.49 | 0.3636 | 0.0707 |
| Mercury | 99198-04-24 12:14 G | 37952498.92 | 37952499.01 | 37952499.11 | 0.3634 | 0.1123 |
| Mercury | 99203-11-08 03:07 G | 37954522.57 | 37954522.63 | 37954522.69 | 0.3632 | 0.2927 |
| Mercury | 99217-09-11 15:50 G | 37959579.02 | 37959579.16 | 37959579.30 | 0.3740 | 0.2024 |
| Mercury | 99243-10-31 03:35 G | 37969124.57 | 37969124.65 | 37969124.74 | 0.3638 | 0.1900 |
| Mercury | 99249-05-15 18:43 G | 37971148.18 | 37971148.28 | 37971148.38 | 0.3635 | 0.0136 |
| Mercury | 99254-11-29 09:35 G | 37973171.81 | 37973171.90 | 37973171.98 | 0.3633 | 0.1762 |
| Mercury | 99260-06-14 00:28 G | 37975195.50 | 37975195.52 | 37975195.53 | 0.3631 | 0.3564 |
| Mercury | 99294-11-21 10:04 G | 37987773.87 | 37987773.92 | 37987773.97 | 0.3639 | 0.3082 |
| Mercury | 99300-06-07 00:57 G | 37989797.45 | 37989797.54 | 37989797.64 | 0.3637 | 0.1246 |
| Mercury | 99305-12-21 15:50 G | 37991821.06 | 37991821.16 | 37991821.26 | 0.3635 | 0.0591 |
| Mercury | 99311-07-07 06:43 G | 37993844.71 | 37993844.78 | 37993844.86 | 0.3633 | 0.2397 |
| Mercury | 99325-05-10 08:09 G | 37998900.69 | 37998900.84 | 37998901.00 | 0.3738 | 0.1219 |
| Mercury | 99351-06-29 07:26 G | 38008446.73 | 38008446.81 | 38008446.88 | 0.3638 | 0.2431 |
| Mercury | 99357-01-11 22:19 G | 38010470.33 | 38010470.43 | 38010470.53 | 0.3636 | 0.0598 |
| Mercury | 99362-07-28 13:11 G | 38012493.96 | 38012494.05 | 38012494.14 | 0.3634 | 0.1229 |
| Mercury | 99368-02-11 04:04 G | 38014517.62 | 38014517.67 | 38014517.72 | 0.3632 | 0.3034 |
| Mercury | 99381-12-15 11:45 G | 38019573.84 | 38019573.99 | 38019574.14 | 0.3739 | 0.1419 |
| Mercury | 99402-07-21 13:40 G | 38027096.06 | 38027096.07 | 38027096.08 | 0.3640 | 0.3618 |
| Mercury | 99408-02-04 04:33 G | 38029119.61 | 38029119.69 | 38029119.78 | 0.3638 | 0.1783 |
| Mercury | 99413-08-19 19:40 G | 38031143.22 | 38031143.32 | 38031143.42 | 0.3636 | 0.0137 |
| Mercury | 99419-03-05 10:33 G | 38033166.85 | 38033166.94 | 38033167.02 | 0.3633 | 0.1871 |
| Mercury | 99459-02-25 11:02 G | 38047768.90 | 38047768.96 | 38047769.02 | 0.3640 | 0.2963 |
| Mercury | 99464-09-10 01:55 G | 38049792.49 | 38049792.58 | 38049792.68 | 0.3637 | 0.1130 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 99470-03-26 16:47 G | 38051816.10 | 38051816.20 | 38051816.30 | 0.3635 | 0.0700 |
| Mercury | 99475-10-10 07:40 G | 38053839.75 | 38053839.82 | 38053839.89 | 0.3633 | 0.2496 |
| Mercury | 99489-08-13 04:33 G | 38058895.54 | 38058895.69 | 38058895.83 | 0.3737 | 0.1730 |
| Mercury | 99515-10-03 08:09 G | 38068441.77 | 38068441.84 | 38068441.92 | 0.3639 | 0.2324 |
| Mercury | 99521-04-17 23:16 G | 38070465.37 | 38070465.47 | 38070465.57 | 0.3637 | 0.0491 |
| Mercury | 99526-11-01 14:09 G | 38072488.99 | 38072489.09 | 38072489.18 | 0.3635 | 0.1326 |
| Mercury | 99532-05-17 05:02 G | 38074512.66 | 38074512.71 | 38074512.76 | 0.3633 | 0.3130 |
| Mercury | 99546-03-21 07:55 G | 38079568.67 | 38079568.83 | 38079568.99 | 0.3738 | 0.0884 |
| Mercury | 99566-10-24 14:38 G | 38087091.08 | 38087091.11 | 38087091.13 | 0.3641 | 0.3514 |
| Mercury | 99572-05-09 05:31 G | 38089114.64 | 38089114.73 | 38089114.82 | 0.3638 | 0.1672 |
| Mercury | 99577-11-22 20:23 G | 38091138.25 | 38091138.35 | 38091138.45 | 0.3636 | 0.0180 |
| Mercury | 99583-06-08 11:16 G | 38093161.89 | 38093161.97 | 38093162.06 | 0.3634 | 0.1962 |
| Mercury | 99602-10-26 11:16 G | 38100241.92 | 38100241.97 | 38100242.03 | 0.3739 | 0.3500 |
| Mercury | 99623-05-31 11:59 G | 38107763.93 | 38107764.00 | 38107764.06 | 0.3640 | 0.2865 |
| Mercury | 99628-12-14 02:52 G | 38109787.52 | 38109787.62 | 38109787.72 | 0.3638 | 0.1029 |
| Mercury | 99634-06-29 17:45 G | 38111811.14 | 38111811.24 | 38111811.34 | 0.3635 | 0.0790 |
| Mercury | 99640-01-13 08:38 G | 38113834.79 | 38113834.86 | 38113834.93 | 0.3633 | 0.2595 |
| Mercury | 99653-11-16 00:28 G | 38118890.39 | 38118890.52 | 38118890.65 | 0.3736 | 0.2266 |
| Mercury | 99680-01-05 09:07 G | 38128436.80 | 38128436.88 | 38128436.96 | 0.3639 | 0.2214 |
| Mercury | 99685-07-21 00:14 G | 38130460.41 | 38130460.51 | 38130460.61 | 0.3637 | 0.0414 |
| Mercury | 99691-02-03 15:07 G | 38132484.03 | 38132484.13 | 38132484.22 | 0.3635 | 0.1433 |
| Mercury | 99696-08-19 05:59 G | 38134507.70 | 38134507.75 | 38134507.79 | 0.3633 | 0.3231 |
| Mercury | 99710-06-24 03:50 G | 38139563.50 | 38139563.66 | 38139563.83 | 0.3737 | 0.0326 |
| Mercury | 99731-01-27 15:35 G | 38147086.11 | 38147086.15 | 38147086.18 | 0.3641 | 0.3400 |
| Mercury | 99736-08-12 06:28 G | 38149109.68 | 38149109.77 | 38149109.86 | 0.3639 | 0.1561 |
| Mercury | 99742-02-25 21:21 G | 38151133.29 | 38151133.39 | 38151133.49 | 0.3636 | 0.0283 |
| Mercury | 99747-09-11 12:14 G | 38153156.93 | 38153157.01 | 38153157.10 | 0.3634 | 0.2070 |
| Mercury | 99767-01-29 07:26 G | 38160236.71 | 38160236.81 | 38160236.91 | 0.3738 | 0.2920 |
| Mercury | 99787-09-03 12:43 G | 38167758.97 | 38167759.03 | 38167759.10 | 0.3641 | 0.2751 |
| Mercury | 99793-03-19 03:50 G | 38169782.56 | 38169782.66 | 38169782.76 | 0.3638 | 0.0919 |

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|---------|---------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 99798-10-02 18:43 G | 38171806.18 | 38171806.28 | 38171806.38 | 0.3636 | 0.0894 |
| Mercury | 99804-04-18 09:35 G | 38173829.83 | 38173829.90 | 38173829.97 | 0.3634 | 0.2696 |
| Mercury | 99818-02-19 20:38 G | 38178885.26 | 38178885.36 | 38178885.47 | 0.3735 | 0.2780 |
| Mercury | 99844-04-10 10:04 G | 38188431.84 | 38188431.92 | 38188432.00 | 0.3640 | 0.2101 |
| Mercury | 99849-10-25 00:57 G | 38190455.44 | 38190455.54 | 38190455.64 | 0.3638 | 0.0304 |
| Mercury | 99855-05-10 16:04 G | 38192479.07 | 38192479.17 | 38192479.26 | 0.3635 | 0.1536 |
| Mercury | 99860-11-23 06:57 G | 38194502.75 | 38194502.79 | 38194502.82 | 0.3633 | 0.3322 |
| Mercury | 99874-09-27 00:14 G | 38199558.34 | 38199558.51 | 38199558.67 | 0.3737 | 0.0229 |
| Mercury | 99895-05-02 16:19 G | 38207081.14 | 38207081.18 | 38207081.23 | 0.3642 | 0.3294 |
| Mercury | 99900-11-16 07:26 G | 38209104.72 | 38209104.81 | 38209104.90 | 0.3639 | 0.1468 |
| Mercury | 99906-06-01 22:19 G | 38211128.33 | 38211128.43 | 38211128.53 | 0.3637 | 0.0353 |
| Mercury | 99911-12-16 13:11 G | 38213151.97 | 38213152.05 | 38213152.13 | 0.3635 | 0.2156 |
| Mercury | 99931-05-05 03:21 G | 38220231.51 | 38220231.64 | 38220231.77 | 0.3738 | 0.2302 |
| Mercury | 99951-12-08 13:40 G | 38227754.00 | 38227754.07 | 38227754.14 | 0.3641 | 0.2648 |
| Mercury | 99957-06-23 04:33 G | 38229777.60 | 38229777.69 | 38229777.79 | 0.3639 | 0.0836 |
| Mercury | 99963-01-06 19:40 G | 38231801.22 | 38231801.32 | 38231801.41 | 0.3636 | 0.0995 |
| Mercury | 99968-07-22 10:33 G | 38233824.88 | 38233824.94 | 38233825.00 | 0.3634 | 0.2789 |
| Mercury | 99982-05-25 16:47 G | 38238880.13 | 38238880.20 | 38238880.27 | 0.3735 | 0.3344 |

101ST MILLENNIUM CE

This is a list of transits visible from Venus in the 101st millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 100008-07-14 11:02 G | | 38248426.88 | 38248426.96 | 38248427.04 | 0.3640 | 0.2001 | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 100014-01-28 01:55 G | 38250450.48 | 38250450.58 | 38250450.68 | 0.3638 | 0.0201 |
| Mercury | 100019-08-13 16:47 G | 38252474.12 | 38252474.20 | 38252474.29 | 0.3636 | 0.1634 |
| Mercury | 100025-02-26 07:55 G | 38254497.79 | 38254497.83 | 38254497.86 | 0.3633 | 0.3420 |
| Mercury | 100038-12-30 20:09 G | 38259553.18 | 38259553.34 | 38259553.50 | 0.3736 | 0.0810 |
| Mercury | 100059-08-05 17:16 G | 38267076.18 | 38267076.22 | 38267076.27 | 0.3642 | 0.3185 |
| Mercury | 100065-02-18 08:23 G | 38269099.75 | 38269099.85 | 38269099.94 | 0.3640 | 0.1360 |
| Mercury | 100070-09-03 23:16 G | 38271123.37 | 38271123.47 | 38271123.57 | 0.3637 | 0.0458 |
| Mercury | 100076-03-19 14:09 G | 38273147.01 | 38273147.09 | 38273147.17 | 0.3635 | 0.2258 |
| Mercury | 100095-08-06 23:31 G | 38280226.33 | 38280226.48 | 38280226.62 | 0.3737 | 0.1760 |
| Mercury | 100116-03-12 14:38 G | 38287749.04 | 38287749.11 | 38287749.18 | 0.3641 | 0.2537 |
| Mercury | 100121-09-26 05:31 G | 38289772.63 | 38289772.73 | 38289772.83 | 0.3639 | 0.0728 |
| Mercury | 100127-04-11 20:38 G | 38291796.26 | 38291796.36 | 38291796.45 | 0.3637 | 0.1097 |
| Mercury | 100132-10-25 11:31 G | 38293819.92 | 38293819.98 | 38293820.04 | 0.3635 | 0.2879 |
| Mercury | 100172-10-17 11:59 G | 38308421.91 | 38308422.00 | 38308422.08 | 0.3641 | 0.1906 |
| Mercury | 100178-05-03 02:52 G | 38310445.52 | 38310445.62 | 38310445.72 | 0.3638 | 0.0086 |
| Mercury | 100183-11-16 17:45 G | 38312469.15 | 38312469.24 | 38312469.33 | 0.3636 | 0.1713 |
| Mercury | 100189-06-01 08:38 G | 38314492.84 | 38314492.86 | 38314492.89 | 0.3634 | 0.3501 |
| Mercury | 100203-04-05 16:19 G | 38319548.03 | 38319548.18 | 38319548.33 | 0.3735 | 0.1333 |
| Mercury | 100223-11-09 18:14 G | 38327071.21 | 38327071.26 | 38327071.31 | 0.3642 | 0.3090 |
| Mercury | 100229-05-25 09:07 G | 38329094.79 | 38329094.88 | 38329094.98 | 0.3640 | 0.1267 |
| Mercury | 100234-12-09 00:14 G | 38331118.41 | 38331118.51 | 38331118.61 | 0.3638 | 0.0559 |
| Mercury | 100240-06-23 15:07 G | 38333142.05 | 38333142.13 | 38333142.20 | 0.3635 | 0.2342 |
| Mercury | 100259-11-10 19:40 G | 38340221.17 | 38340221.32 | 38340221.48 | 0.3736 | 0.1223 |
| Mercury | 100280-06-15 15:35 G | 38347744.07 | 38347744.15 | 38347744.22 | 0.3642 | 0.2448 |
| Mercury | 100285-12-30 06:28 G | 38349767.67 | 38349767.77 | 38349767.87 | 0.3639 | 0.0625 |
| Mercury | 100291-07-15 21:21 G | 38351791.30 | 38351791.39 | 38351791.49 | 0.3637 | 0.1188 |
| Mercury | 100297-01-28 12:28 G | 38353814.96 | 38353815.02 | 38353815.07 | 0.3635 | 0.2972 |
| Mercury | 100331-07-08 21:50 G | 38366393.40 | 38366393.41 | 38366393.41 | 0.3643 | 0.3630 |
| Mercury | 100337-01-21 12:43 G | 38368416.95 | 38368417.03 | 38368417.12 | 0.3641 | 0.1806 |
| Mercury | 100342-08-07 03:50 G | 38370440.56 | 38370440.66 | 38370440.76 | 0.3639 | 0.0049 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 100348-02-20 18:43 G | 38372464.19 | 38372464.28 | 38372464.37 | 0.3636 | 0.1813 |
| Mercury | 100353-09-05 09:35 G | 38374487.89 | 38374487.90 | 38374487.91 | 0.3634 | 0.3596 |
| Mercury | 100367-07-09 12:28 G | 38379542.88 | 38379543.02 | 38379543.16 | 0.3734 | 0.1852 |
| Mercury | 100388-02-12 19:11 G | 38387066.24 | 38387066.30 | 38387066.35 | 0.3643 | 0.2983 |
| Mercury | 100393-08-28 10:04 G | 38389089.83 | 38389089.92 | 38389090.02 | 0.3640 | 0.1163 |
| Mercury | 100399-03-14 01:11 G | 38391113.45 | 38391113.55 | 38391113.65 | 0.3638 | 0.0659 |
| Mercury | 100404-09-26 16:04 G | 38393137.10 | 38393137.17 | 38393137.24 | 0.3636 | 0.2439 |
| Mercury | 100424-02-13 15:50 G | 38400216.00 | 38400216.16 | 38400216.32 | 0.3735 | 0.0676 |
| Mercury | 100444-09-18 16:33 G | 38407739.11 | 38407739.19 | 38407739.26 | 0.3642 | 0.2343 |
| Mercury | 100450-04-04 07:26 G | 38409762.71 | 38409762.81 | 38409762.91 | 0.3640 | 0.0522 |
| Mercury | 100455-10-18 22:19 G | 38411786.34 | 38411786.43 | 38411786.53 | 0.3638 | 0.1275 |
| Mercury | 100461-05-03 13:11 G | 38413810.00 | 38413810.05 | 38413810.11 | 0.3635 | 0.3064 |
| Mercury | 100480-09-19 19:11 G | 38420889.22 | 38420889.30 | 38420889.38 | 0.3736 | 0.3206 |
| Mercury | 100495-10-10 22:47 G | 38426388.42 | 38426388.45 | 38426388.47 | 0.3644 | 0.3530 |
| Mercury | 100501-04-26 13:40 G | 38428411.98 | 38428412.07 | 38428412.16 | 0.3642 | 0.1701 |
| Mercury | 100506-11-10 04:47 G | 38430435.60 | 38430435.70 | 38430435.80 | 0.3639 | 0.0167 |
| Mercury | 100512-05-25 19:40 G | 38432459.23 | 38432459.32 | 38432459.41 | 0.3637 | 0.1901 |
| Mercury | 100531-10-12 08:52 G | 38439537.74 | 38439537.87 | 38439537.99 | 0.3733 | 0.2351 |
| Mercury | 100552-05-17 19:55 G | 38447061.27 | 38447061.33 | 38447061.39 | 0.3644 | 0.2889 |
| Mercury | 100557-12-01 11:02 G | 38449084.86 | 38449084.96 | 38449085.06 | 0.3641 | 0.1069 |
| Mercury | 100563-06-17 01:55 G | 38451108.48 | 38451108.58 | 38451108.68 | 0.3639 | 0.0741 |
| Mercury | 100568-12-30 17:02 G | 38453132.13 | 38453132.21 | 38453132.28 | 0.3636 | 0.2525 |
| Mercury | 100588-05-18 11:45 G | 38460210.83 | 38460210.99 | 38460211.16 | 0.3734 | 0.0136 |
| Mercury | 100608-12-23 17:16 G | 38467734.14 | 38467734.22 | 38467734.30 | 0.3643 | 0.2246 |
| Mercury | 100614-07-09 08:23 G | 38469757.75 | 38469757.85 | 38469757.95 | 0.3640 | 0.0448 |
| Mercury | 100620-01-22 23:16 G | 38471781.38 | 38471781.47 | 38471781.56 | 0.3638 | 0.1365 |
| Mercury | 100625-08-07 14:09 G | 38473805.05 | 38473805.09 | 38473805.14 | 0.3636 | 0.3147 |
| Mercury | 100644-12-24 15:07 G | 38480884.02 | 38480884.13 | 38480884.25 | 0.3736 | 0.2599 |
| Mercury | 100660-01-14 23:30 G | 38486383.45 | 38486383.48 | 38486383.52 | 0.3644 | 0.3433 |
| Mercury | 100665-07-30 14:38 G | 38488407.02 | 38488407.11 | 38488407.20 | 0.3642 | 0.1604 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 100671-02-13 05:45 G | 38490430.63 | 38490430.74 | 38490430.84 | 0.3640 | 0.0257 |
| Mercury | 100676-08-28 20:38 G | 38492454.28 | 38492454.36 | 38492454.44 | 0.3637 | 0.1992 |
| Mercury | 100696-01-15 04:47 G | 38499532.60 | 38499532.70 | 38499532.80 | 0.3732 | 0.2913 |
| Mercury | 100716-08-21 20:52 G | 38507056.31 | 38507056.37 | 38507056.44 | 0.3644 | 0.2784 |
| Mercury | 100722-03-07 11:59 G | 38509079.90 | 38509080.00 | 38509080.10 | 0.3641 | 0.0969 |
| Mercury | 100727-09-21 02:52 G | 38511103.52 | 38511103.62 | 38511103.72 | 0.3639 | 0.0839 |
| Mercury | 100733-04-05 17:59 G | 38513127.18 | 38513127.25 | 38513127.31 | 0.3637 | 0.2618 |
| Mercury | 100752-08-22 08:09 G | 38520205.68 | 38520205.84 | 38520206.00 | 0.3734 | 0.0430 |
| Mercury | 100773-03-28 18:14 G | 38527729.18 | 38527729.26 | 38527729.34 | 0.3643 | 0.2142 |
| Mercury | 100778-10-12 09:21 G | 38529752.79 | 38529752.89 | 38529752.99 | 0.3641 | 0.0366 |
| Mercury | 100784-04-27 00:14 G | 38531776.42 | 38531776.51 | 38531776.60 | 0.3638 | 0.1457 |
| Mercury | 100789-11-10 15:06 G | 38533800.09 | 38533800.13 | 38533800.18 | 0.3636 | 0.3224 |
| Mercury | 100809-03-29 11:30 G | 38540878.84 | 38540878.98 | 38540879.11 | 0.3735 | 0.2065 |
| Mercury | 100824-04-19 00:28 G | 38546378.48 | 38546378.52 | 38546378.56 | 0.3645 | 0.3328 |
| Mercury | 100829-11-02 15:35 G | 38548402.06 | 38548402.15 | 38548402.24 | 0.3643 | 0.1520 |
| Mercury | 100835-05-19 06:28 G | 38550425.67 | 38550425.77 | 38550425.87 | 0.3640 | 0.0309 |
| Mercury | 100840-12-01 21:35 G | 38552449.31 | 38552449.40 | 38552449.48 | 0.3638 | 0.2076 |
| Mercury | 100860-04-19 01:11 G | 38559527.49 | 38559527.55 | 38559527.61 | 0.3732 | 0.3412 |
| Mercury | 100880-11-23 21:50 G | 38567051.34 | 38567051.41 | 38567051.48 | 0.3644 | 0.2695 |
| Mercury | 100886-06-09 12:57 G | 38569074.94 | 38569075.04 | 38569075.13 | 0.3642 | 0.0896 |
| Mercury | 100891-12-24 03:50 G | 38571098.56 | 38571098.66 | 38571098.76 | 0.3639 | 0.0915 |
| Mercury | 100897-07-08 18:42 G | 38573122.22 | 38573122.28 | 38573122.35 | 0.3637 | 0.2692 |
| Mercury | 100916-11-25 04:18 G | 38580200.53 | 38580200.68 | 38580200.84 | 0.3733 | 0.0966 |
| Mercury | 100937-07-01 19:11 G | 38587724.21 | 38587724.30 | 38587724.38 | 0.3644 | 0.2061 |
| Mercury | 100943-01-15 10:04 G | 38589747.82 | 38589747.92 | 38589748.02 | 0.3641 | 0.0274 |
| Mercury | 100948-07-31 01:11 G | 38591771.46 | 38591771.55 | 38591771.64 | 0.3639 | 0.1541 |
| Mercury | 100954-02-13 16:04 G | 38593795.13 | 38593795.17 | 38593795.21 | 0.3636 | 0.3310 |
| Mercury | 100973-07-02 07:40 G | 38600873.67 | 38600873.82 | 38600873.97 | 0.3734 | 0.1497 |
| Mercury | 100988-07-23 01:26 G | 38606373.51 | 38606373.56 | 38606373.60 | 0.3645 | 0.3237 |
| Mercury | 100994-02-05 16:33 G | 38608397.09 | 38608397.19 | 38608397.28 | 0.3643 | 0.1430 |

Mercury 100999-08-22 07:26 G 38610420.71 38610420.81 38610420.91 0.3640 0.0388

102ND MILLENNIUM CE

This is a list of transits visible from Venus in the 102nd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 101005-03-07 22:33 | G | 38612444.36 | 38612444.44 | 38612444.52 | 0.3638 | 0.2168 | |
| Mercury | 101045-02-27 22:47 | G | 38627046.38 | 38627046.45 | 38627046.52 | 0.3645 | 0.2596 | |
| Mercury | 101050-09-13 13:40 | G | 38629069.98 | 38629070.07 | 38629070.17 | 0.3642 | 0.0803 | |
| Mercury | 101056-03-29 04:47 | G | 38631093.60 | 38631093.70 | 38631093.80 | 0.3640 | 0.1007 | |
| Mercury | 101061-10-12 19:40 | G | 38633117.26 | 38633117.32 | 38633117.39 | 0.3638 | 0.2779 | |
| Mercury | 101081-02-28 00:42 | G | 38640195.38 | 38640195.53 | 38640195.68 | 0.3732 | 0.1477 | |
| Mercury | 101101-10-05 20:09 | G | 38647719.25 | 38647719.34 | 38647719.42 | 0.3644 | 0.1968 | |
| Mercury | 101107-04-21 11:02 | G | 38649742.86 | 38649742.96 | 38649743.06 | 0.3642 | 0.0171 | |
| Mercury | 101112-11-04 02:09 | G | 38651766.50 | 38651766.59 | 38651766.68 | 0.3639 | 0.1629 | |
| Mercury | 101118-05-20 17:02 | G | 38653790.18 | 38653790.21 | 38653790.24 | 0.3637 | 0.3394 | |
| Mercury | 101137-10-06 04:04 | G | 38660868.51 | 38660868.67 | 38660868.82 | 0.3733 | 0.0986 | |
| Mercury | 101152-10-27 02:23 | G | 38666368.55 | 38666368.60 | 38666368.64 | 0.3646 | 0.3149 | |
| Mercury | 101158-05-12 17:16 | G | 38668392.13 | 38668392.22 | 38668392.32 | 0.3644 | 0.1336 | |
| Mercury | 101163-11-26 08:23 | G | 38670415.75 | 38670415.85 | 38670415.95 | 0.3641 | 0.0462 | |
| Mercury | 101169-06-10 23:16 | G | 38672439.39 | 38672439.47 | 38672439.55 | 0.3639 | 0.2241 | |
| Mercury | 101194-05-13 07:11 | G | 38681541.73 | 38681541.80 | 38681541.86 | 0.3734 | 0.3407 | |
| Mercury | 101209-06-02 23:30 | G | 38687041.41 | 38687041.48 | 38687041.56 | 0.3645 | 0.2513 | |
| Mercury | 101214-12-17 14:38 | G | 38689065.01 | 38689065.11 | 38689065.21 | 0.3643 | 0.0704 | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 101220-07-02 05:45 G | 38691088.64 | 38691088.74 | 38691088.83 | 0.3640 | 0.1092 |
| Mercury | 101226-01-15 20:38 G | 38693112.30 | 38693112.36 | 38693112.42 | 0.3638 | 0.2856 |
| Mercury | 101245-06-02 20:52 G | 38700190.23 | 38700190.37 | 38700190.50 | 0.3731 | 0.2029 |
| Mercury | 101266-01-07 20:52 G | 38707714.29 | 38707714.37 | 38707714.46 | 0.3645 | 0.1877 |
| Mercury | 101271-07-24 11:59 G | 38709737.90 | 38709738.00 | 38709738.10 | 0.3642 | 0.0081 |
| Mercury | 101277-02-06 02:52 G | 38711761.54 | 38711761.62 | 38711761.71 | 0.3640 | 0.1711 |
| Mercury | 101282-08-22 17:59 G | 38713785.22 | 38713785.25 | 38713785.27 | 0.3637 | 0.3472 |
| Mercury | 101302-01-08 23:59 G | 38720863.34 | 38720863.50 | 38720863.67 | 0.3732 | 0.0411 |
| Mercury | 101317-01-30 03:06 G | 38726363.58 | 38726363.63 | 38726363.69 | 0.3646 | 0.3056 |
| Mercury | 101322-08-15 18:14 G | 38728387.17 | 38728387.26 | 38728387.36 | 0.3644 | 0.1242 |
| Mercury | 101328-02-29 09:21 G | 38730410.79 | 38730410.89 | 38730410.99 | 0.3641 | 0.0558 |
| Mercury | 101333-09-14 00:14 G | 38732434.44 | 38732434.51 | 38732434.59 | 0.3639 | 0.2327 |
| Mercury | 101358-08-16 03:21 G | 38741536.54 | 38741536.64 | 38741536.75 | 0.3733 | 0.2863 |
| Mercury | 101373-09-06 00:28 G | 38747036.45 | 38747036.52 | 38747036.60 | 0.3646 | 0.2416 |
| Mercury | 101379-03-22 15:35 G | 38749060.05 | 38749060.15 | 38749060.25 | 0.3643 | 0.0609 |
| Mercury | 101384-10-05 06:42 G | 38751083.68 | 38751083.78 | 38751083.87 | 0.3641 | 0.1183 |
| Mercury | 101390-04-20 21:35 G | 38753107.34 | 38753107.40 | 38753107.46 | 0.3638 | 0.2940 |
| Mercury | 101409-09-06 17:16 G | 38760185.10 | 38760185.22 | 38760185.34 | 0.3730 | 0.2507 |
| Mercury | 101424-09-28 06:42 G | 38765685.77 | 38765685.78 | 38765685.79 | 0.3648 | 0.3598 |
| Mercury | 101430-04-13 21:50 G | 38767709.32 | 38767709.41 | 38767709.50 | 0.3645 | 0.1783 |
| Mercury | 101435-10-28 12:57 G | 38769732.94 | 38769733.04 | 38769733.14 | 0.3643 | 0.0108 |
| Mercury | 101441-05-13 03:50 G | 38771756.58 | 38771756.66 | 38771756.75 | 0.3640 | 0.1792 |
| Mercury | 101446-11-26 18:42 G | 38773780.27 | 38773780.28 | 38773780.30 | 0.3638 | 0.3544 |
| Mercury | 101466-04-13 20:23 G | 38780858.19 | 38780858.35 | 38780858.52 | 0.3731 | 0.0118 |
| Mercury | 101481-05-05 04:04 G | 38786358.61 | 38786358.67 | 38786358.73 | 0.3647 | 0.2962 |
| Mercury | 101486-11-18 19:11 G | 38788382.20 | 38788382.30 | 38788382.39 | 0.3644 | 0.1165 |
| Mercury | 101492-06-03 10:04 G | 38790405.83 | 38790405.92 | 38790406.02 | 0.3642 | 0.0650 |
| Mercury | 101497-12-18 01:11 G | 38792429.47 | 38792429.55 | 38792429.62 | 0.3639 | 0.2399 |
| Mercury | 101522-11-19 23:45 G | 38801531.36 | 38801531.49 | 38801531.62 | 0.3733 | 0.2327 |
| Mercury | 101537-12-11 01:26 G | 38807031.48 | 38807031.56 | 38807031.64 | 0.3646 | 0.2336 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 101543-06-26 16:33 G | 38809055.09 | 38809055.19 | 38809055.29 | 0.3644 | 0.0549 |
| Mercury | 101549-01-09 07:26 G | 38811078.72 | 38811078.81 | 38811078.91 | 0.3641 | 0.1250 |
| Mercury | 101554-07-25 22:33 G | 38813102.38 | 38813102.44 | 38813102.49 | 0.3639 | 0.3011 |
| Mercury | 101573-12-10 13:40 G | 38820179.97 | 38820180.07 | 38820180.16 | 0.3729 | 0.3019 |
| Mercury | 101589-01-01 07:40 G | 38825680.79 | 38825680.82 | 38825680.84 | 0.3648 | 0.3516 |
| Mercury | 101594-07-17 22:47 G | 38827704.36 | 38827704.45 | 38827704.54 | 0.3646 | 0.1709 |
| Mercury | 101600-01-31 13:40 G | 38829727.97 | 38829728.07 | 38829728.18 | 0.3643 | 0.0170 |
| Mercury | 101605-08-16 04:47 G | 38831751.61 | 38831751.70 | 38831751.79 | 0.3641 | 0.1867 |
| Mercury | 101611-03-01 19:40 G | 38833775.32 | 38833775.32 | 38833775.33 | 0.3638 | 0.3623 |
| Mercury | 101630-07-17 16:47 G | 38840853.04 | 38840853.20 | 38840853.36 | 0.3730 | 0.0634 |
| Mercury | 101645-08-08 05:02 G | 38846353.65 | 38846353.71 | 38846353.77 | 0.3647 | 0.2879 |
| Mercury | 101651-02-21 20:09 G | 38848377.24 | 38848377.34 | 38848377.43 | 0.3645 | 0.1081 |
| Mercury | 101656-09-06 11:02 G | 38850400.86 | 38850400.96 | 38850401.06 | 0.3642 | 0.0725 |
| Mercury | 101662-03-23 02:09 G | 38852424.52 | 38852424.59 | 38852424.66 | 0.3640 | 0.2482 |
| Mercury | 101687-02-21 19:54 G | 38861526.19 | 38861526.33 | 38861526.47 | 0.3731 | 0.1768 |
| Mercury | 101702-03-16 02:23 G | 38867026.52 | 38867026.60 | 38867026.68 | 0.3647 | 0.2246 |
| Mercury | 101707-09-29 17:16 G | 38869050.12 | 38869050.22 | 38869050.33 | 0.3644 | 0.0475 |
| Mercury | 101713-04-14 08:23 G | 38871073.76 | 38871073.85 | 38871073.95 | 0.3642 | 0.1334 |
| Mercury | 101718-10-28 23:16 G | 38873097.42 | 38873097.47 | 38873097.53 | 0.3639 | 0.3091 |
| Mercury | 101738-03-15 10:04 G | 38880174.86 | 38880174.92 | 38880174.97 | 0.3728 | 0.3486 |
| Mercury | 101753-04-06 08:38 G | 38885675.82 | 38885675.86 | 38885675.89 | 0.3649 | 0.3425 |
| Mercury | 101758-10-20 23:30 G | 38887699.39 | 38887699.48 | 38887699.58 | 0.3646 | 0.1623 |
| Mercury | 101764-05-05 14:38 G | 38889723.01 | 38889723.11 | 38889723.21 | 0.3644 | 0.0207 |
| Mercury | 101769-11-19 05:45 G | 38891746.65 | 38891746.74 | 38891746.82 | 0.3641 | 0.1940 |
| Mercury | 101794-10-20 13:11 G | 38900847.89 | 38900848.05 | 38900848.20 | 0.3730 | 0.1134 |
| Mercury | 101809-11-12 05:45 G | 38906348.68 | 38906348.74 | 38906348.81 | 0.3648 | 0.2799 |
| Mercury | 101815-05-28 20:52 G | 38908372.28 | 38908372.37 | 38908372.47 | 0.3646 | 0.0997 |
| Mercury | 101820-12-11 11:59 G | 38910395.90 | 38910396.00 | 38910396.10 | 0.3643 | 0.0785 |
| Mercury | 101826-06-27 03:06 G | 38912419.55 | 38912419.63 | 38912419.70 | 0.3640 | 0.2553 |
| Mercury | 101851-05-28 16:04 G | 38921521.02 | 38921521.17 | 38921521.33 | 0.3731 | 0.1195 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 101866-06-19 03:06 G | 38927021.55 | 38927021.63 | 38927021.71 | 0.3647 | 0.2166 |
| Mercury | 101872-01-02 18:14 G | 38929045.16 | 38929045.26 | 38929045.36 | 0.3645 | 0.0373 |
| Mercury | 101877-07-18 09:21 G | 38931068.79 | 38931068.89 | 38931068.98 | 0.3642 | 0.1404 |
| Mercury | 101883-02-01 00:14 G | 38933092.47 | 38933092.51 | 38933092.56 | 0.3640 | 0.3159 |
| Mercury | 101908-01-03 19:26 G | 38942194.27 | 38942194.31 | 38942194.35 | 0.3732 | 0.3610 |
| Mercury | 101917-07-11 09:21 G | 38945670.85 | 38945670.89 | 38945670.93 | 0.3649 | 0.3347 |
| Mercury | 101923-01-25 00:28 G | 38947694.43 | 38947694.52 | 38947694.61 | 0.3647 | 0.1538 |
| Mercury | 101928-08-09 15:35 G | 38949718.05 | 38949718.15 | 38949718.25 | 0.3644 | 0.0250 |
| Mercury | 101934-02-23 06:42 G | 38951741.69 | 38951741.78 | 38951741.86 | 0.3641 | 0.2019 |
| Mercury | 101959-01-24 09:21 G | 38960842.75 | 38960842.89 | 38960843.03 | 0.3729 | 0.1686 |
| Mercury | 101974-02-15 06:42 G | 38966343.71 | 38966343.78 | 38966343.85 | 0.3649 | 0.2711 |
| Mercury | 101979-08-31 21:50 G | 38968367.31 | 38968367.41 | 38968367.51 | 0.3646 | 0.0910 |
| Mercury | 101985-03-16 12:57 G | 38970390.94 | 38970391.04 | 38970391.14 | 0.3643 | 0.0872 |
| Mercury | 101990-09-30 03:50 G | 38972414.60 | 38972414.66 | 38972414.73 | 0.3641 | 0.2633 |

103RD MILLENNIUM CE

This is a list of transits visible from Venus in the 103rd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 102015-08-31 12:28 G | | 38981515.87 | 38981516.02 | 38981516.18 | 0.3730 | 0.0704 | |
| Mercury | 102030-09-22 04:04 G | | 38987016.59 | 38987016.67 | 38987016.75 | 0.3648 | 0.2077 | |
| Mercury | 102036-04-06 19:11 G | | 38989040.20 | 38989040.30 | 38989040.40 | 0.3645 | 0.0286 | |
| Mercury | 102041-10-21 10:18 G | | 38991063.83 | 38991063.93 | 38991064.02 | 0.3643 | 0.1486 | |
| Mercury | 102047-05-07 01:11 G | | 38993087.51 | 38993087.55 | 38993087.60 | 0.3640 | 0.3235 | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 102072-04-06 15:50 G | 39002189.07 | 39002189.16 | 39002189.25 | 0.3731 | 0.3085 |
| Mercury | 102081-10-13 10:18 G | 39005665.88 | 39005665.93 | 39005665.97 | 0.3650 | 0.3258 |
| Mercury | 102087-04-29 01:26 G | 39007689.47 | 39007689.56 | 39007689.65 | 0.3647 | 0.1453 |
| Mercury | 102092-11-11 16:33 G | 39009713.09 | 39009713.19 | 39009713.29 | 0.3645 | 0.0345 |
| Mercury | 102098-05-28 07:26 G | 39011736.73 | 39011736.81 | 39011736.90 | 0.3642 | 0.2096 |
| Mercury | 102123-04-29 05:45 G | 39020837.61 | 39020837.74 | 39020837.87 | 0.3728 | 0.2162 |
| Mercury | 102138-05-21 07:40 G | 39026338.75 | 39026338.82 | 39026338.89 | 0.3649 | 0.2627 |
| Mercury | 102143-12-04 22:47 G | 39028362.35 | 39028362.45 | 39028362.55 | 0.3646 | 0.0847 |
| Mercury | 102149-06-19 13:54 G | 39030385.98 | 39030386.08 | 39030386.17 | 0.3644 | 0.0951 |
| Mercury | 102155-01-03 04:47 G | 39032409.64 | 39032409.70 | 39032409.77 | 0.3641 | 0.2693 |
| Mercury | 102179-12-04 08:52 G | 39041510.71 | 39041510.87 | 39041511.04 | 0.3729 | 0.0212 |
| Mercury | 102194-12-26 05:02 G | 39047011.62 | 39047011.71 | 39047011.79 | 0.3648 | 0.2010 |
| Mercury | 102200-07-11 20:09 G | 39049035.23 | 39049035.34 | 39049035.44 | 0.3646 | 0.0271 |
| Mercury | 102206-01-25 11:02 G | 39051058.87 | 39051058.96 | 39051059.05 | 0.3643 | 0.1555 |
| Mercury | 102211-08-11 02:09 G | 39053082.55 | 39053082.59 | 39053082.63 | 0.3641 | 0.3298 |
| Mercury | 102236-07-11 11:59 G | 39062183.88 | 39062184.00 | 39062184.12 | 0.3730 | 0.2516 |
| Mercury | 102246-01-17 11:02 G | 39065660.92 | 39065660.96 | 39065661.01 | 0.3650 | 0.3182 |
| Mercury | 102251-08-03 02:09 G | 39067684.50 | 39067684.59 | 39067684.69 | 0.3648 | 0.1391 |
| Mercury | 102257-02-15 17:16 G | 39069708.12 | 39069708.22 | 39069708.33 | 0.3645 | 0.0432 |
| Mercury | 102262-09-01 08:23 G | 39071731.77 | 39071731.85 | 39071731.93 | 0.3642 | 0.2164 |
| Mercury | 102287-08-02 02:23 G | 39080832.48 | 39080832.60 | 39080832.71 | 0.3727 | 0.2642 |
| Mercury | 102302-08-25 08:23 G | 39086333.78 | 39086333.85 | 39086333.93 | 0.3649 | 0.2552 |
| Mercury | 102308-03-09 23:30 G | 39088357.39 | 39088357.48 | 39088357.58 | 0.3647 | 0.0776 |
| Mercury | 102313-09-23 14:38 G | 39090381.02 | 39090381.11 | 39090381.21 | 0.3644 | 0.1027 |
| Mercury | 102319-04-09 05:45 G | 39092404.68 | 39092404.74 | 39092404.80 | 0.3642 | 0.2769 |
| Mercury | 102344-03-09 05:16 G | 39101505.56 | 39101505.72 | 39101505.89 | 0.3728 | 0.0346 |
| Mercury | 102359-04-01 05:45 G | 39107006.66 | 39107006.74 | 39107006.83 | 0.3649 | 0.1925 |
| Mercury | 102364-10-14 20:52 G | 39109030.27 | 39109030.37 | 39109030.48 | 0.3646 | 0.0194 |
| Mercury | 102370-04-30 11:59 G | 39111053.91 | 39111054.00 | 39111054.09 | 0.3644 | 0.1629 |
| Mercury | 102375-11-14 03:06 G | 39113077.59 | 39113077.63 | 39113077.66 | 0.3641 | 0.3367 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 102400-10-14 08:23 G | 39122178.72 | 39122178.85 | 39122178.99 | 0.3729 | 0.2007 |
| Mercury | 102410-04-22 11:59 G | 39125655.95 | 39125656.00 | 39125656.05 | 0.3651 | 0.3095 |
| Mercury | 102415-11-06 03:06 G | 39127679.54 | 39127679.63 | 39127679.73 | 0.3648 | 0.1307 |
| Mercury | 102421-05-21 18:13 G | 39129703.16 | 39129703.26 | 39129703.36 | 0.3646 | 0.0489 |
| Mercury | 102426-12-05 09:21 G | 39131726.81 | 39131726.89 | 39131726.97 | 0.3643 | 0.2224 |
| Mercury | 102451-11-04 22:47 G | 39140827.36 | 39140827.45 | 39140827.54 | 0.3726 | 0.3111 |
| Mercury | 102466-11-27 09:21 G | 39146328.82 | 39146328.89 | 39146328.96 | 0.3650 | 0.2479 |
| Mercury | 102472-06-12 00:28 G | 39148352.42 | 39148352.52 | 39148352.62 | 0.3648 | 0.0685 |
| Mercury | 102477-12-26 15:35 G | 39150376.05 | 39150376.15 | 39150376.25 | 0.3645 | 0.1080 |
| Mercury | 102483-07-12 06:42 G | 39152399.72 | 39152399.78 | 39152399.84 | 0.3642 | 0.2830 |
| Mercury | 102508-06-12 01:40 G | 39161500.41 | 39161500.57 | 39161500.73 | 0.3727 | 0.0870 |
| Mercury | 102523-07-05 06:42 G | 39167001.69 | 39167001.78 | 39167001.87 | 0.3649 | 0.1854 |
| Mercury | 102529-01-17 21:49 G | 39169025.31 | 39169025.41 | 39169025.51 | 0.3647 | 0.0073 |
| Mercury | 102534-08-03 12:57 G | 39171048.95 | 39171049.04 | 39171049.13 | 0.3644 | 0.1689 |
| Mercury | 102540-02-17 04:04 G | 39173072.64 | 39173072.67 | 39173072.70 | 0.3642 | 0.3433 |
| Mercury | 102565-01-17 04:47 G | 39182173.55 | 39182173.70 | 39182173.85 | 0.3728 | 0.1432 |
| Mercury | 102574-07-26 12:57 G | 39185650.98 | 39185651.04 | 39185651.09 | 0.3651 | 0.3030 |
| Mercury | 102580-02-09 04:04 G | 39187674.57 | 39187674.67 | 39187674.76 | 0.3649 | 0.1232 |
| Mercury | 102585-08-24 19:11 G | 39189698.20 | 39189698.30 | 39189698.40 | 0.3646 | 0.0545 |
| Mercury | 102591-03-10 10:18 G | 39191721.85 | 39191721.93 | 39191722.00 | 0.3643 | 0.2298 |
| Mercury | 102616-02-08 19:11 G | 39200822.26 | 39200822.30 | 39200822.33 | 0.3725 | 0.3618 |
| Mercury | 102631-03-03 10:18 G | 39206323.85 | 39206323.93 | 39206324.00 | 0.3651 | 0.2402 |
| Mercury | 102636-09-16 01:25 G | 39208347.46 | 39208347.56 | 39208347.66 | 0.3648 | 0.0608 |
| Mercury | 102642-04-01 16:33 G | 39210371.09 | 39210371.19 | 39210371.28 | 0.3645 | 0.1158 |
| Mercury | 102647-10-16 07:40 G | 39212394.76 | 39212394.82 | 39212394.88 | 0.3643 | 0.2904 |
| Mercury | 102672-09-14 22:18 G | 39221495.28 | 39221495.43 | 39221495.58 | 0.3726 | 0.1354 |
| Mercury | 102682-03-24 16:18 G | 39224973.17 | 39224973.18 | 39224973.20 | 0.3653 | 0.3574 |
| Mercury | 102687-10-08 07:40 G | 39226996.73 | 39226996.82 | 39226996.91 | 0.3650 | 0.1775 |
| Mercury | 102693-04-22 22:47 G | 39229020.35 | 39229020.45 | 39229020.55 | 0.3647 | 0.0039 |
| Mercury | 102698-11-06 13:54 G | 39231043.99 | 39231044.08 | 39231044.16 | 0.3645 | 0.1763 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 102704-05-23 04:47 G | 39233067.68 | 39233067.70 | 39233067.73 | 0.3642 | 0.3501 |
| Mercury | 102729-04-23 01:11 G | 39242168.40 | 39242168.55 | 39242168.71 | 0.3728 | 0.0945 |
| Mercury | 102738-10-30 13:40 G | 39245646.01 | 39245646.07 | 39245646.13 | 0.3652 | 0.2951 |
| Mercury | 102744-05-15 05:01 G | 39247669.61 | 39247669.71 | 39247669.80 | 0.3649 | 0.1158 |
| Mercury | 102749-11-28 20:09 G | 39249693.24 | 39249693.34 | 39249693.44 | 0.3647 | 0.0625 |
| Mercury | 102755-06-14 11:16 G | 39251716.89 | 39251716.97 | 39251717.04 | 0.3644 | 0.2369 |
| Mercury | 102785-11-28 04:18 G | 39262841.61 | 39262841.68 | 39262841.76 | 0.3729 | 0.3264 |
| Mercury | 102795-06-06 11:01 G | 39266318.89 | 39266318.96 | 39266319.04 | 0.3651 | 0.2327 |
| Mercury | 102800-12-20 02:09 G | 39268342.49 | 39268342.59 | 39268342.70 | 0.3648 | 0.0571 |
| Mercury | 102806-07-05 17:30 G | 39270366.13 | 39270366.23 | 39270366.32 | 0.3646 | 0.1228 |
| Mercury | 102812-01-19 08:23 G | 39272389.80 | 39272389.85 | 39272389.91 | 0.3643 | 0.2961 |
| Mercury | 102836-12-18 18:42 G | 39281490.14 | 39281490.28 | 39281490.42 | 0.3725 | 0.1840 |
| Mercury | 102846-06-27 17:16 G | 39284968.19 | 39284968.22 | 39284968.24 | 0.3653 | 0.3507 |
| Mercury | 102852-01-11 08:23 G | 39286991.76 | 39286991.85 | 39286991.94 | 0.3650 | 0.1709 |
| Mercury | 102857-07-26 23:30 G | 39289015.38 | 39289015.48 | 39289015.59 | 0.3648 | 0.0139 |
| Mercury | 102863-02-09 14:37 G | 39291039.03 | 39291039.11 | 39291039.20 | 0.3645 | 0.1828 |
| Mercury | 102868-08-25 05:45 G | 39293062.72 | 39293062.74 | 39293062.76 | 0.3642 | 0.3555 |
| Mercury | 102893-07-25 21:35 G | 39302163.24 | 39302163.40 | 39302163.57 | 0.3726 | 0.0437 |
| Mercury | 102903-02-02 14:37 G | 39305641.05 | 39305641.11 | 39305641.17 | 0.3652 | 0.2879 |
| Mercury | 102908-08-18 05:45 G | 39307664.65 | 39307664.74 | 39307664.84 | 0.3650 | 0.1090 |
| Mercury | 102914-03-03 20:52 G | 39309688.27 | 39309688.37 | 39309688.47 | 0.3647 | 0.0692 |
| Mercury | 102919-09-17 11:59 G | 39311711.93 | 39311712.00 | 39311712.08 | 0.3644 | 0.2431 |
| Mercury | 102950-03-03 00:42 G | 39322836.42 | 39322836.53 | 39322836.64 | 0.3728 | 0.2705 |
| Mercury | 102959-09-09 11:59 G | 39326313.92 | 39326314.00 | 39326314.08 | 0.3652 | 0.2252 |
| Mercury | 102965-03-25 03:06 G | 39328337.53 | 39328337.63 | 39328337.73 | 0.3649 | 0.0479 |
| Mercury | 102970-10-08 18:13 G | 39330361.17 | 39330361.26 | 39330361.36 | 0.3646 | 0.1295 |
| Mercury | 102976-04-23 09:21 G | 39332384.84 | 39332384.89 | 39332384.95 | 0.3644 | 0.3027 |

104TH MILLENNIUM CE

This is a list of transits visible from Venus in the 104th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 103001-03-24 15:21 | G | 39341485.01 | 39341485.14 | 39341485.26 | 0.3724 | 0.2302 | |
| Mercury | 103010-10-01 18:13 | G | 39344963.22 | 39344963.26 | 39344963.29 | 0.3654 | 0.3431 | |
| Mercury | 103016-04-16 09:21 | G | 39346986.80 | 39346986.89 | 39346986.98 | 0.3651 | 0.1629 | |
| Mercury | 103021-10-31 00:28 | G | 39349010.42 | 39349010.52 | 39349010.62 | 0.3648 | 0.0158 | |
| Mercury | 103027-05-16 15:35 | G | 39351034.07 | 39351034.15 | 39351034.24 | 0.3646 | 0.1895 | |
| Mercury | 103032-11-29 06:42 | G | 39353057.77 | 39353057.78 | 39353057.79 | 0.3643 | 0.3613 | |
| Mercury | 103057-10-29 18:13 | G | 39362158.10 | 39362158.26 | 39362158.42 | 0.3725 | 0.0072 | |
| Mercury | 103067-05-08 15:35 | G | 39365636.08 | 39365636.15 | 39365636.21 | 0.3653 | 0.2806 | |
| Mercury | 103072-11-21 06:42 | G | 39367659.68 | 39367659.78 | 39367659.88 | 0.3650 | 0.1022 | |
| Mercury | 103078-06-06 21:49 | G | 39369683.31 | 39369683.41 | 39369683.51 | 0.3648 | 0.0748 | |
| Mercury | 103083-12-21 12:57 | G | 39371706.97 | 39371707.04 | 39371707.11 | 0.3645 | 0.2481 | |
| Mercury | 103114-06-06 21:06 | G | 39382831.25 | 39382831.38 | 39382831.51 | 0.3727 | 0.2156 | |
| Mercury | 103123-12-14 12:42 | G | 39386308.95 | 39386309.03 | 39386309.12 | 0.3652 | 0.2195 | |
| Mercury | 103129-06-29 04:04 | G | 39388332.57 | 39388332.67 | 39388332.77 | 0.3650 | 0.0412 | |
| Mercury | 103135-01-12 19:11 | G | 39390356.21 | 39390356.30 | 39390356.39 | 0.3647 | 0.1347 | |
| Mercury | 103140-07-28 10:18 | G | 39392379.88 | 39392379.93 | 39392379.98 | 0.3644 | 0.3077 | |
| Mercury | 103165-06-27 11:45 | G | 39401479.88 | 39401479.99 | 39401480.09 | 0.3723 | 0.2802 | |
| Mercury | 103175-01-04 18:57 | G | 39404958.25 | 39404958.29 | 39404958.33 | 0.3654 | 0.3363 | |
| Mercury | 103180-07-20 10:18 | G | 39406981.83 | 39406981.93 | 39406982.02 | 0.3652 | 0.1579 | |
| Mercury | 103186-02-03 01:25 | G | 39409005.46 | 39409005.56 | 39409005.66 | 0.3649 | 0.0208 | |
| Mercury | 103191-08-19 16:33 | G | 39411029.10 | 39411029.19 | 39411029.27 | 0.3646 | 0.1948 | |
| Mercury | 103222-02-01 14:37 | G | 39422152.95 | 39422153.11 | 39422153.27 | 0.3725 | 0.0597 | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 103231-08-11 16:18 G | 39425631.11 | 39425631.18 | 39425631.25 | 0.3654 | 0.2740 |
| Mercury | 103237-02-24 07:40 G | 39427654.72 | 39427654.82 | 39427654.91 | 0.3651 | 0.0970 |
| Mercury | 103242-09-09 22:47 G | 39429678.35 | 39429678.45 | 39429678.55 | 0.3648 | 0.0814 |
| Mercury | 103248-03-25 13:54 G | 39431702.01 | 39431702.08 | 39431702.15 | 0.3645 | 0.2548 |
| Mercury | 103278-09-08 17:45 G | 39442826.09 | 39442826.24 | 39442826.38 | 0.3726 | 0.1657 |
| Mercury | 103288-03-17 13:40 G | 39446303.99 | 39446304.07 | 39446304.15 | 0.3653 | 0.2117 |
| Mercury | 103293-10-01 05:01 G | 39448327.61 | 39448327.71 | 39448327.81 | 0.3650 | 0.0359 |
| Mercury | 103299-04-16 20:09 G | 39450351.25 | 39450351.34 | 39450351.43 | 0.3647 | 0.1416 |
| Mercury | 103304-10-31 11:16 G | 39452374.92 | 39452374.97 | 39452375.02 | 0.3645 | 0.3144 |
| Mercury | 103329-09-30 08:23 G | 39461474.77 | 39461474.85 | 39461474.92 | 0.3722 | 0.3244 |
| Mercury | 103339-04-09 19:54 G | 39464953.28 | 39464953.33 | 39464953.37 | 0.3655 | 0.3289 |
| Mercury | 103344-10-23 11:01 G | 39466976.87 | 39466976.96 | 39466977.05 | 0.3652 | 0.1501 |
| Mercury | 103350-05-09 02:23 G | 39469000.49 | 39469000.60 | 39469000.70 | 0.3649 | 0.0304 |
| Mercury | 103355-11-22 17:30 G | 39471024.14 | 39471024.23 | 39471024.31 | 0.3647 | 0.2013 |
| Mercury | 103386-05-07 11:16 G | 39482147.82 | 39482147.97 | 39482148.12 | 0.3724 | 0.1053 |
| Mercury | 103395-11-14 17:16 G | 39485626.15 | 39485626.22 | 39485626.29 | 0.3654 | 0.2672 |
| Mercury | 103401-05-31 08:23 G | 39487649.75 | 39487649.85 | 39487649.95 | 0.3652 | 0.0890 |
| Mercury | 103406-12-14 23:30 G | 39489673.39 | 39489673.48 | 39489673.58 | 0.3649 | 0.0877 |
| Mercury | 103412-06-29 14:52 G | 39491697.05 | 39491697.12 | 39491697.18 | 0.3646 | 0.2609 |
| Mercury | 103442-12-13 14:09 G | 39502820.94 | 39502821.09 | 39502821.25 | 0.3725 | 0.1155 |
| Mercury | 103452-06-21 14:37 G | 39506299.02 | 39506299.11 | 39506299.19 | 0.3654 | 0.2053 |
| Mercury | 103458-01-05 05:45 G | 39508322.64 | 39508322.74 | 39508322.84 | 0.3651 | 0.0287 |
| Mercury | 103463-07-21 20:52 G | 39510346.28 | 39510346.37 | 39510346.47 | 0.3648 | 0.1469 |
| Mercury | 103469-02-03 11:59 G | 39512369.96 | 39512370.00 | 39512370.05 | 0.3645 | 0.3196 |
| Mercury | 103494-01-03 05:01 G | 39521469.70 | 39521469.71 | 39521469.72 | 0.3721 | 0.3703 |
| Mercury | 103499-07-20 17:01 G | 39523494.15 | 39523494.21 | 39523494.28 | 0.3726 | 0.3360 |
| Mercury | 103503-07-14 20:37 G | 39524948.32 | 39524948.36 | 39524948.41 | 0.3656 | 0.3229 |
| Mercury | 103509-01-27 11:59 G | 39526971.90 | 39526972.00 | 39526972.09 | 0.3653 | 0.1442 |
| Mercury | 103514-08-13 03:06 G | 39528995.53 | 39528995.63 | 39528995.73 | 0.3650 | 0.0327 |
| Mercury | 103520-02-26 18:13 G | 39531019.18 | 39531019.26 | 39531019.35 | 0.3647 | 0.2067 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 103550-08-11 07:54 G | 39542142.68 | 39542142.83 | 39542142.97 | 0.3723 | 0.1541 |
| Mercury | 103560-02-18 17:59 G | 39545621.18 | 39545621.25 | 39545621.32 | 0.3655 | 0.2608 |
| Mercury | 103565-09-03 09:21 G | 39547644.79 | 39547644.89 | 39547644.99 | 0.3652 | 0.0829 |
| Mercury | 103571-03-20 00:28 G | 39549668.42 | 39549668.52 | 39549668.62 | 0.3649 | 0.0929 |
| Mercury | 103576-10-02 15:35 G | 39551692.09 | 39551692.15 | 39551692.22 | 0.3647 | 0.2664 |
| Mercury | 103607-03-18 10:47 G | 39562815.79 | 39562815.95 | 39562816.11 | 0.3724 | 0.0647 |
| Mercury | 103616-09-24 15:21 G | 39566294.06 | 39566294.14 | 39566294.23 | 0.3654 | 0.1991 |
| Mercury | 103622-04-10 06:42 G | 39568317.68 | 39568317.78 | 39568317.88 | 0.3651 | 0.0217 |
| Mercury | 103627-10-24 21:49 G | 39570341.32 | 39570341.41 | 39570341.50 | 0.3649 | 0.1531 |
| Mercury | 103633-05-09 12:57 G | 39572365.00 | 39572365.04 | 39572365.09 | 0.3646 | 0.3256 |
| Mercury | 103663-10-23 13:40 G | 39583488.97 | 39583489.07 | 39583489.17 | 0.3725 | 0.2870 |
| Mercury | 103667-10-16 21:35 G | 39584943.35 | 39584943.40 | 39584943.45 | 0.3656 | 0.3157 |
| Mercury | 103673-05-01 12:57 G | 39586966.94 | 39586967.04 | 39586967.13 | 0.3653 | 0.1380 |
| Mercury | 103678-11-15 04:04 G | 39588990.57 | 39588990.67 | 39588990.77 | 0.3651 | 0.0389 |
| Mercury | 103684-05-30 19:11 G | 39591014.22 | 39591014.30 | 39591014.38 | 0.3648 | 0.2126 |
| Mercury | 103714-11-14 04:33 G | 39602137.55 | 39602137.69 | 39602137.82 | 0.3722 | 0.1996 |
| Mercury | 103724-05-23 18:57 G | 39605616.22 | 39605616.29 | 39605616.36 | 0.3655 | 0.2539 |
| Mercury | 103729-12-07 10:04 G | 39607639.82 | 39607639.92 | 39607640.02 | 0.3653 | 0.0779 |
| Mercury | 103735-06-23 01:25 G | 39609663.46 | 39609663.56 | 39609663.66 | 0.3650 | 0.0989 |
| Mercury | 103741-01-05 16:33 G | 39611687.12 | 39611687.19 | 39611687.25 | 0.3647 | 0.2711 |
| Mercury | 103771-06-21 07:11 G | 39622810.64 | 39622810.80 | 39622810.96 | 0.3723 | 0.0140 |
| Mercury | 103780-12-28 16:18 G | 39626289.09 | 39626289.18 | 39626289.26 | 0.3655 | 0.1933 |
| Mercury | 103786-07-14 07:25 G | 39628312.71 | 39628312.81 | 39628312.92 | 0.3652 | 0.0226 |
| Mercury | 103792-01-27 22:47 G | 39630336.36 | 39630336.45 | 39630336.54 | 0.3649 | 0.1582 |
| Mercury | 103797-08-12 13:54 G | 39632360.04 | 39632360.08 | 39632360.12 | 0.3646 | 0.3299 |
| Mercury | 103828-01-27 10:04 G | 39643483.80 | 39643483.92 | 39643484.05 | 0.3724 | 0.2320 |
| Mercury | 103832-01-20 22:18 G | 39644938.38 | 39644938.43 | 39644938.48 | 0.3657 | 0.3102 |
| Mercury | 103837-08-05 13:40 G | 39646961.97 | 39646962.07 | 39646962.16 | 0.3654 | 0.1321 |
| Mercury | 103843-02-19 04:47 G | 39648985.60 | 39648985.70 | 39648985.81 | 0.3651 | 0.0466 |
| Mercury | 103848-09-03 20:09 G | 39651009.26 | 39651009.34 | 39651009.42 | 0.3648 | 0.2179 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 103879-02-17 00:57 G | 39662132.43 | 39662132.54 | 39662132.66 | 0.3721 | 0.2488 |
| Mercury | 103888-08-26 19:40 G | 39665611.25 | 39665611.32 | 39665611.40 | 0.3656 | 0.2485 |
| Mercury | 103894-03-12 11:01 G | 39667634.86 | 39667634.96 | 39667635.06 | 0.3653 | 0.0708 |
| Mercury | 103899-09-26 02:23 G | 39669658.50 | 39669658.60 | 39669658.69 | 0.3650 | 0.1056 |
| Mercury | 103905-04-11 17:30 G | 39671682.16 | 39671682.23 | 39671682.29 | 0.3648 | 0.2772 |
| Mercury | 103935-09-25 03:49 G | 39682805.51 | 39682805.66 | 39682805.82 | 0.3722 | 0.0346 |
| Mercury | 103939-09-19 01:54 G | 39684260.58 | 39684260.58 | 39684260.58 | 0.3658 | 0.3656 |
| Mercury | 103945-04-03 17:16 G | 39686284.13 | 39686284.22 | 39686284.30 | 0.3655 | 0.1873 |
| Mercury | 103950-10-18 08:23 G | 39688307.75 | 39688307.85 | 39688307.95 | 0.3652 | 0.0123 |
| Mercury | 103956-05-02 23:45 G | 39690331.40 | 39690331.49 | 39690331.58 | 0.3650 | 0.1648 |
| Mercury | 103961-11-16 14:52 G | 39692355.08 | 39692355.12 | 39692355.15 | 0.3647 | 0.3357 |
| Mercury | 103992-05-01 06:57 G | 39703478.65 | 39703478.79 | 39703478.93 | 0.3723 | 0.1845 |
| Mercury | 103996-04-24 23:16 G | 39704933.41 | 39704933.47 | 39704933.52 | 0.3657 | 0.3034 |

105TH MILLENNIUM CE

This is a list of transits visible from Venus in the 105th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 104001-11-08 14:37 G | 39706957.01 | 39706957.11 | 39706957.20 | 0.3655 | 0.1261 | | |
| Mercury | 104007-05-25 05:45 G | 39708980.64 | 39708980.74 | 39708980.84 | 0.3652 | 0.0506 | | |
| Mercury | 104012-12-07 20:52 G | 39711004.29 | 39711004.37 | 39711004.45 | 0.3649 | 0.2231 | | |
| Mercury | 104043-05-22 21:49 G | 39722127.31 | 39722127.41 | 39722127.51 | 0.3720 | 0.2910 | | |
| Mercury | 104052-11-29 20:37 G | 39725606.28 | 39725606.36 | 39725606.43 | 0.3657 | 0.2425 | | |
| Mercury | 104058-06-15 11:59 G | 39727629.90 | 39727630.00 | 39727630.10 | 0.3654 | 0.0653 | | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 104063-12-30 03:06 G | 39729653.53 | 39729653.63 | 39729653.73 | 0.3651 | 0.1090 |
| Mercury | 104069-07-14 18:13 G | 39731677.20 | 39731677.26 | 39731677.33 | 0.3648 | 0.2818 |
| Mercury | 104099-12-28 00:42 G | 39742800.37 | 39742800.53 | 39742800.68 | 0.3721 | 0.0807 |
| Mercury | 104103-12-23 02:37 G | 39744255.60 | 39744255.61 | 39744255.62 | 0.3659 | 0.3603 |
| Mercury | 104109-07-07 17:59 G | 39746279.16 | 39746279.25 | 39746279.34 | 0.3656 | 0.1811 |
| Mercury | 104115-01-21 09:21 G | 39748302.78 | 39748302.89 | 39748302.99 | 0.3653 | 0.0139 |
| Mercury | 104120-08-06 00:28 G | 39750326.43 | 39750326.52 | 39750326.61 | 0.3650 | 0.1685 |
| Mercury | 104126-02-19 15:35 G | 39752350.12 | 39752350.15 | 39752350.19 | 0.3647 | 0.3400 |
| Mercury | 104156-08-04 03:21 G | 39763473.49 | 39763473.64 | 39763473.79 | 0.3722 | 0.1323 |
| Mercury | 104160-07-28 23:59 G | 39764928.44 | 39764928.50 | 39764928.56 | 0.3658 | 0.2985 |
| Mercury | 104166-02-11 15:21 G | 39766952.05 | 39766952.14 | 39766952.24 | 0.3655 | 0.1203 |
| Mercury | 104171-08-28 06:42 G | 39768975.68 | 39768975.78 | 39768975.88 | 0.3652 | 0.0558 |
| Mercury | 104177-03-12 21:49 G | 39770999.33 | 39770999.41 | 39770999.49 | 0.3649 | 0.2279 |
| Mercury | 104207-08-26 18:28 G | 39782122.21 | 39782122.27 | 39782122.34 | 0.3719 | 0.3356 |
| Mercury | 104213-03-12 06:13 G | 39784146.71 | 39784146.76 | 39784146.81 | 0.3723 | 0.3481 |
| Mercury | 104217-03-05 21:21 G | 39785601.32 | 39785601.39 | 39785601.47 | 0.3657 | 0.2371 |
| Mercury | 104222-09-19 12:42 G | 39787624.93 | 39787625.03 | 39787625.13 | 0.3654 | 0.0601 |
| Mercury | 104228-04-04 04:04 G | 39789648.57 | 39789648.67 | 39789648.76 | 0.3651 | 0.1151 |
| Mercury | 104233-10-18 19:11 G | 39791672.24 | 39791672.30 | 39791672.36 | 0.3649 | 0.2868 |
| Mercury | 104264-04-01 21:21 G | 39802795.24 | 39802795.39 | 39802795.54 | 0.3720 | 0.1260 |
| Mercury | 104268-03-27 03:35 G | 39804250.62 | 39804250.65 | 39804250.67 | 0.3659 | 0.3543 |
| Mercury | 104273-10-10 18:57 G | 39806274.20 | 39806274.29 | 39806274.38 | 0.3656 | 0.1753 |
| Mercury | 104279-04-26 10:04 G | 39808297.82 | 39808297.92 | 39808298.03 | 0.3653 | 0.0141 |
| Mercury | 104284-11-09 01:25 G | 39810321.47 | 39810321.56 | 39810321.65 | 0.3651 | 0.1745 |
| Mercury | 104290-05-25 16:33 G | 39812345.16 | 39812345.19 | 39812345.22 | 0.3648 | 0.3453 |
| Mercury | 104320-11-07 23:59 G | 39823468.35 | 39823468.50 | 39823468.66 | 0.3721 | 0.0853 |
| Mercury | 104324-11-02 00:57 G | 39824923.48 | 39824923.54 | 39824923.60 | 0.3659 | 0.2920 |
| Mercury | 104330-05-18 16:18 G | 39826947.08 | 39826947.18 | 39826947.28 | 0.3656 | 0.1143 |
| Mercury | 104335-12-02 07:25 G | 39828970.71 | 39828970.81 | 39828970.91 | 0.3653 | 0.0614 |
| Mercury | 104341-06-16 22:47 G | 39830994.37 | 39830994.45 | 39830994.53 | 0.3650 | 0.2332 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 104377-06-15 02:52 G | 39844141.52 | 39844141.62 | 39844141.71 | 0.3723 | 0.2965 |
| Mercury | 104381-06-08 22:18 G | 39845596.35 | 39845596.43 | 39845596.51 | 0.3658 | 0.2305 |
| Mercury | 104386-12-23 13:40 G | 39847619.97 | 39847620.07 | 39847620.17 | 0.3655 | 0.0556 |
| Mercury | 104392-07-08 04:47 G | 39849643.61 | 39849643.70 | 39849643.80 | 0.3652 | 0.1208 |
| Mercury | 104398-01-21 20:09 G | 39851667.28 | 39851667.34 | 39851667.40 | 0.3649 | 0.2911 |
| Mercury | 104428-07-05 17:59 G | 39862790.11 | 39862790.25 | 39862790.39 | 0.3719 | 0.1755 |
| Mercury | 104432-06-30 04:18 G | 39864245.65 | 39864245.68 | 39864245.71 | 0.3660 | 0.3482 |
| Mercury | 104438-01-13 19:40 G | 39866269.23 | 39866269.32 | 39866269.41 | 0.3657 | 0.1703 |
| Mercury | 104443-07-30 11:01 G | 39868292.86 | 39868292.96 | 39868293.06 | 0.3654 | 0.0070 |
| Mercury | 104449-02-12 02:09 G | 39870316.51 | 39870316.59 | 39870316.68 | 0.3651 | 0.1793 |
| Mercury | 104454-08-28 17:30 G | 39872340.20 | 39872340.23 | 39872340.25 | 0.3648 | 0.3492 |
| Mercury | 104485-02-09 20:37 G | 39883463.20 | 39883463.36 | 39883463.52 | 0.3720 | 0.0333 |
| Mercury | 104489-02-04 01:40 G | 39884918.51 | 39884918.57 | 39884918.63 | 0.3659 | 0.2870 |
| Mercury | 104494-08-20 17:01 G | 39886942.11 | 39886942.21 | 39886942.31 | 0.3656 | 0.1100 |
| Mercury | 104500-03-06 08:23 G | 39888965.75 | 39888965.85 | 39888965.95 | 0.3653 | 0.0652 |
| Mercury | 104505-09-19 23:30 G | 39890989.41 | 39890989.48 | 39890989.56 | 0.3650 | 0.2379 |
| Mercury | 104541-09-17 23:30 G | 39904136.36 | 39904136.48 | 39904136.60 | 0.3722 | 0.2480 |
| Mercury | 104545-09-11 23:01 G | 39905591.39 | 39905591.46 | 39905591.54 | 0.3658 | 0.2260 |
| Mercury | 104551-03-28 14:23 G | 39907615.00 | 39907615.10 | 39907615.21 | 0.3655 | 0.0511 |
| Mercury | 104556-10-11 05:45 G | 39909638.65 | 39909638.74 | 39909638.84 | 0.3653 | 0.1250 |
| Mercury | 104562-04-26 21:06 G | 39911662.32 | 39911662.38 | 39911662.43 | 0.3650 | 0.2966 |
| Mercury | 104592-10-08 14:37 G | 39922784.98 | 39922785.11 | 39922785.24 | 0.3718 | 0.2185 |
| Mercury | 104596-10-03 05:01 G | 39924240.68 | 39924240.71 | 39924240.75 | 0.3661 | 0.3431 |
| Mercury | 104602-04-19 20:37 G | 39926264.27 | 39926264.36 | 39926264.45 | 0.3658 | 0.1648 |
| Mercury | 104607-11-03 11:59 G | 39928287.89 | 39928288.00 | 39928288.10 | 0.3655 | 0.0185 |
| Mercury | 104613-05-19 03:06 G | 39930311.54 | 39930311.63 | 39930311.72 | 0.3652 | 0.1840 |
| Mercury | 104618-12-02 18:13 G | 39932335.24 | 39932335.26 | 39932335.29 | 0.3649 | 0.3542 |
| Mercury | 104649-05-16 17:30 G | 39943458.07 | 39943458.23 | 39943458.39 | 0.3719 | 0.0101 |
| Mercury | 104653-05-11 02:37 G | 39944913.54 | 39944913.61 | 39944913.67 | 0.3660 | 0.2808 |
| Mercury | 104658-11-24 17:59 G | 39946937.15 | 39946937.25 | 39946937.35 | 0.3657 | 0.1043 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 104664-06-09 09:21 G | 39948960.79 | 39948960.89 | 39948960.99 | 0.3654 | 0.0714 |
| Mercury | 104669-12-24 00:28 G | 39950984.45 | 39950984.52 | 39950984.60 | 0.3651 | 0.2416 |
| Mercury | 104705-12-22 20:23 G | 39964131.21 | 39964131.35 | 39964131.48 | 0.3721 | 0.1998 |
| Mercury | 104709-12-16 23:59 G | 39965586.42 | 39965586.50 | 39965586.58 | 0.3659 | 0.2208 |
| Mercury | 104715-07-02 15:21 G | 39967610.04 | 39967610.14 | 39967610.24 | 0.3656 | 0.0441 |
| Mercury | 104721-01-15 06:42 G | 39969633.68 | 39969633.78 | 39969633.87 | 0.3653 | 0.1296 |
| Mercury | 104726-07-31 21:49 G | 39971657.35 | 39971657.41 | 39971657.47 | 0.3651 | 0.2998 |
| Mercury | 104757-01-12 11:30 G | 39982779.87 | 39982779.98 | 39982780.09 | 0.3717 | 0.2616 |
| Mercury | 104761-01-07 05:59 G | 39984235.71 | 39984235.75 | 39984235.78 | 0.3661 | 0.3382 |
| Mercury | 104766-07-23 21:21 G | 39986259.30 | 39986259.39 | 39986259.48 | 0.3658 | 0.1601 |
| Mercury | 104772-02-06 12:42 G | 39988282.93 | 39988283.03 | 39988283.13 | 0.3655 | 0.0154 |
| Mercury | 104777-08-22 04:04 G | 39990306.58 | 39990306.67 | 39990306.75 | 0.3652 | 0.1880 |
| Mercury | 104783-03-07 19:11 G | 39992330.28 | 39992330.30 | 39992330.32 | 0.3650 | 0.3579 |
| Mercury | 104813-08-19 14:09 G | 40003452.93 | 40003453.09 | 40003453.25 | 0.3718 | 0.0577 |
| Mercury | 104817-08-14 03:21 G | 40004908.58 | 40004908.64 | 40004908.71 | 0.3660 | 0.2768 |
| Mercury | 104823-02-27 18:42 G | 40006932.19 | 40006932.28 | 40006932.38 | 0.3657 | 0.1003 |
| Mercury | 104828-09-12 10:04 G | 40008955.82 | 40008955.92 | 40008956.02 | 0.3654 | 0.0749 |
| Mercury | 104834-03-29 01:25 G | 40010979.48 | 40010979.56 | 40010979.63 | 0.3652 | 0.2464 |
| Mercury | 104870-03-26 17:01 G | 40024126.06 | 40024126.21 | 40024126.35 | 0.3719 | 0.1497 |
| Mercury | 104874-03-21 00:42 G | 40025581.45 | 40025581.53 | 40025581.62 | 0.3660 | 0.2160 |
| Mercury | 104879-10-04 16:18 G | 40027605.07 | 40027605.18 | 40027605.28 | 0.3657 | 0.0426 |
| Mercury | 104885-04-19 07:25 G | 40029628.72 | 40029628.81 | 40029628.91 | 0.3654 | 0.1343 |
| Mercury | 104890-11-02 22:47 G | 40031652.39 | 40031652.45 | 40031652.50 | 0.3651 | 0.3049 |
| Mercury | 104921-04-17 08:23 G | 40042774.76 | 40042774.85 | 40042774.94 | 0.3716 | 0.3024 |
| Mercury | 104925-04-12 06:42 G | 40044230.74 | 40044230.78 | 40044230.82 | 0.3662 | 0.3325 |
| Mercury | 104926-11-01 19:40 G | 40044799.28 | 40044799.32 | 40044799.36 | 0.3721 | 0.3590 |
| Mercury | 104930-10-26 22:18 G | 40046254.34 | 40046254.43 | 40046254.52 | 0.3659 | 0.1547 |
| Mercury | 104936-05-11 13:40 G | 40048277.97 | 40048278.07 | 40048278.17 | 0.3656 | 0.0221 |
| Mercury | 104941-11-25 04:47 G | 40050301.62 | 40050301.70 | 40050301.79 | 0.3653 | 0.1931 |
| Mercury | 104947-06-10 20:09 G | 40052325.33 | 40052325.34 | 40052325.35 | 0.3650 | 0.3624 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 104977-11-22 11:01 G | 40063447.81 | 40063447.96 | 40063448.11 | 0.3717 | 0.1016 |
| Mercury | 104981-11-17 04:18 G | 40064903.61 | 40064903.68 | 40064903.74 | 0.3661 | 0.2714 |
| Mercury | 104987-06-02 19:40 G | 40066927.22 | 40066927.32 | 40066927.42 | 0.3658 | 0.0943 |
| Mercury | 104992-12-16 11:01 G | 40068950.86 | 40068950.96 | 40068951.06 | 0.3655 | 0.0797 |
| Mercury | 104998-07-02 02:09 G | 40070974.52 | 40070974.59 | 40070974.67 | 0.3652 | 0.2512 |

106TH MILLENNIUM CE

This is a list of transits visible from Venus in the 106th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 105034-06-30 13:40 G | 40084120.91 | 40084121.07 | 40084121.22 | 0.3719 | 0.0999 | | |
| Mercury | 105038-06-25 01:40 G | 40085576.49 | 40085576.57 | 40085576.65 | 0.3660 | 0.2103 | | |
| Mercury | 105044-01-08 17:01 G | 40087600.11 | 40087600.21 | 40087600.31 | 0.3657 | 0.0353 | | |
| Mercury | 105049-07-24 08:23 G | 40089623.75 | 40089623.85 | 40089623.94 | 0.3654 | 0.1380 | | |
| Mercury | 105055-02-06 23:30 G | 40091647.43 | 40091647.48 | 40091647.54 | 0.3651 | 0.3084 | | |
| Mercury | 105085-07-21 05:01 G | 40102769.66 | 40102769.71 | 40102769.77 | 0.3715 | 0.3484 | | |
| Mercury | 105089-07-16 07:40 G | 40104225.77 | 40104225.82 | 40104225.86 | 0.3663 | 0.3279 | | |
| Mercury | 105091-02-04 16:18 G | 40104794.09 | 40104794.18 | 40104794.27 | 0.3720 | 0.3062 | | |
| Mercury | 105095-01-29 23:01 G | 40106249.37 | 40106249.46 | 40106249.55 | 0.3659 | 0.1506 | | |
| Mercury | 105100-08-15 14:23 G | 40108273.00 | 40108273.10 | 40108273.20 | 0.3657 | 0.0241 | | |
| Mercury | 105106-03-01 05:45 G | 40110296.65 | 40110296.74 | 40110296.82 | 0.3654 | 0.1963 | | |
| Mercury | 105142-02-26 07:40 G | 40123442.68 | 40123442.82 | 40123442.97 | 0.3716 | 0.1490 | | |
| Mercury | 105146-02-21 05:01 G | 40124898.64 | 40124898.71 | 40124898.78 | 0.3662 | 0.2668 | | |
| Mercury | 105151-09-06 20:23 G | 40126922.25 | 40126922.35 | 40126922.45 | 0.3659 | 0.0908 | | |

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|---------|--------------------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 105157-03-22 11:45 | G | 40128945.89 | 40128945.99 | 40128946.09 | 0.3656 | 0.0839 |
| Mercury | 105162-10-06 03:06 | G | 40130969.56 | 40130969.63 | 40130969.70 | 0.3653 | 0.2548 |
| Mercury | 105198-10-03 10:33 | G | 40144115.78 | 40144115.94 | 40144116.09 | 0.3717 | 0.0552 |
| Mercury | 105202-09-28 02:23 | G | 40145571.52 | 40145571.60 | 40145571.69 | 0.3661 | 0.2063 |
| Mercury | 105208-04-12 17:59 | G | 40147595.14 | 40147595.25 | 40147595.35 | 0.3658 | 0.0338 |
| Mercury | 105213-10-27 09:21 | G | 40149618.79 | 40149618.89 | 40149618.98 | 0.3655 | 0.1434 |
| Mercury | 105219-05-13 00:28 | G | 40151642.47 | 40151642.52 | 40151642.57 | 0.3652 | 0.3126 |
| Mercury | 105253-10-19 08:23 | G | 40164220.81 | 40164220.85 | 40164220.90 | 0.3663 | 0.3229 |
| Mercury | 105255-05-10 13:11 | G | 40164788.94 | 40164789.05 | 40164789.16 | 0.3719 | 0.2600 |
| Mercury | 105259-05-04 23:59 | G | 40166244.40 | 40166244.50 | 40166244.59 | 0.3660 | 0.1456 |
| Mercury | 105264-11-17 15:21 | G | 40168268.04 | 40168268.14 | 40168268.24 | 0.3657 | 0.0301 |
| Mercury | 105270-06-03 06:42 | G | 40170291.69 | 40170291.78 | 40170291.86 | 0.3654 | 0.2014 |
| Mercury | 105306-06-01 04:33 | G | 40183437.56 | 40183437.69 | 40183437.83 | 0.3715 | 0.1906 |
| Mercury | 105310-05-27 05:59 | G | 40184893.68 | 40184893.75 | 40184893.82 | 0.3662 | 0.2619 |
| Mercury | 105315-12-10 21:21 | G | 40186917.29 | 40186917.39 | 40186917.49 | 0.3659 | 0.0858 |
| Mercury | 105321-06-25 12:42 | G | 40188940.93 | 40188941.03 | 40188941.13 | 0.3656 | 0.0880 |
| Mercury | 105327-01-09 04:04 | G | 40190964.59 | 40190964.67 | 40190964.74 | 0.3653 | 0.2584 |
| Mercury | 105363-01-06 07:11 | G | 40204110.65 | 40204110.80 | 40204110.96 | 0.3717 | 0.0125 |
| Mercury | 105367-01-01 03:21 | G | 40205566.55 | 40205566.64 | 40205566.72 | 0.3662 | 0.2024 |
| Mercury | 105372-07-16 18:42 | G | 40207590.18 | 40207590.28 | 40207590.38 | 0.3659 | 0.0263 |
| Mercury | 105378-01-30 10:04 | G | 40209613.83 | 40209613.92 | 40209614.01 | 0.3656 | 0.1459 |
| Mercury | 105383-08-16 01:25 | G | 40211637.51 | 40211637.56 | 40211637.60 | 0.3653 | 0.3157 |
| Mercury | 105418-01-23 09:06 | G | 40224215.84 | 40224215.88 | 40224215.93 | 0.3664 | 0.3194 |
| Mercury | 105419-08-14 09:49 | G | 40224783.78 | 40224783.91 | 40224784.04 | 0.3718 | 0.2095 |
| Mercury | 105423-08-09 00:42 | G | 40226239.44 | 40226239.53 | 40226239.62 | 0.3661 | 0.1417 |
| Mercury | 105429-02-21 16:04 | G | 40228263.07 | 40228263.17 | 40228263.27 | 0.3658 | 0.0337 |
| Mercury | 105434-09-07 07:25 | G | 40230286.73 | 40230286.81 | 40230286.89 | 0.3655 | 0.2041 |
| Mercury | 105470-09-04 01:25 | G | 40243432.44 | 40243432.56 | 40243432.68 | 0.3714 | 0.2345 |
| Mercury | 105474-08-30 06:42 | G | 40244888.71 | 40244888.78 | 40244888.85 | 0.3663 | 0.2583 |
| Mercury | 105480-03-14 22:04 | G | 40246912.32 | 40246912.42 | 40246912.52 | 0.3660 | 0.0824 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 105485-09-28 13:25 G | 40248935.96 | 40248936.06 | 40248936.16 | 0.3657 | 0.0925 |
| Mercury | 105491-04-14 04:47 G | 40250959.63 | 40250959.70 | 40250959.77 | 0.3654 | 0.2620 |
| Mercury | 105527-04-12 04:04 G | 40264105.52 | 40264105.67 | 40264105.83 | 0.3715 | 0.0365 |
| Mercury | 105531-04-07 04:04 G | 40265561.59 | 40265561.67 | 40265561.76 | 0.3662 | 0.1974 |
| Mercury | 105536-10-20 19:40 G | 40267585.21 | 40267585.32 | 40267585.42 | 0.3659 | 0.0256 |
| Mercury | 105542-05-06 11:01 G | 40269608.86 | 40269608.96 | 40269609.05 | 0.3656 | 0.1509 |
| Mercury | 105547-11-20 02:09 G | 40271632.55 | 40271632.59 | 40271632.64 | 0.3653 | 0.3200 |
| Mercury | 105582-04-28 10:04 G | 40284210.87 | 40284210.92 | 40284210.97 | 0.3664 | 0.3139 |
| Mercury | 105583-11-17 06:42 G | 40284778.64 | 40284778.78 | 40284778.92 | 0.3717 | 0.1643 |
| Mercury | 105587-11-12 01:40 G | 40286234.47 | 40286234.57 | 40286234.66 | 0.3661 | 0.1375 |
| Mercury | 105593-05-27 17:01 G | 40288258.11 | 40288258.21 | 40288258.31 | 0.3658 | 0.0375 |
| Mercury | 105598-12-11 08:23 G | 40290281.76 | 40290281.85 | 40290281.93 | 0.3656 | 0.2082 |
| Mercury | 105634-12-07 22:33 G | 40303427.33 | 40303427.44 | 40303427.54 | 0.3713 | 0.2741 |
| Mercury | 105638-12-03 07:25 G | 40304883.74 | 40304883.81 | 40304883.89 | 0.3664 | 0.2536 |
| Mercury | 105640-06-23 09:21 G | 40305451.86 | 40305451.89 | 40305451.92 | 0.3718 | 0.3646 |
| Mercury | 105644-06-17 23:01 G | 40306907.36 | 40306907.46 | 40306907.56 | 0.3661 | 0.0774 |
| Mercury | 105650-01-01 14:23 G | 40308931.00 | 40308931.10 | 40308931.20 | 0.3658 | 0.0952 |
| Mercury | 105655-07-18 05:45 G | 40310954.67 | 40310954.74 | 40310954.81 | 0.3655 | 0.2658 |
| Mercury | 105691-07-15 00:57 G | 40324100.39 | 40324100.54 | 40324100.69 | 0.3714 | 0.0822 |
| Mercury | 105695-07-10 05:01 G | 40325556.62 | 40325556.71 | 40325556.79 | 0.3663 | 0.1932 |
| Mercury | 105701-01-23 20:23 G | 40327580.25 | 40327580.35 | 40327580.45 | 0.3660 | 0.0190 |
| Mercury | 105706-08-09 11:45 G | 40329603.90 | 40329603.99 | 40329604.08 | 0.3657 | 0.1533 |
| Mercury | 105712-02-23 03:06 G | 40331627.58 | 40331627.63 | 40331627.67 | 0.3654 | 0.3225 |
| Mercury | 105746-08-01 10:47 G | 40344205.90 | 40344205.95 | 40344206.00 | 0.3665 | 0.3105 |
| Mercury | 105748-02-20 03:35 G | 40344773.50 | 40344773.65 | 40344773.80 | 0.3716 | 0.1152 |
| Mercury | 105752-02-15 02:23 G | 40346229.50 | 40346229.60 | 40346229.69 | 0.3662 | 0.1337 |
| Mercury | 105757-08-30 17:45 G | 40348253.14 | 40348253.24 | 40348253.34 | 0.3659 | 0.0404 |
| Mercury | 105763-03-16 09:06 G | 40350276.80 | 40350276.88 | 40350276.96 | 0.3656 | 0.2113 |
| Mercury | 105799-03-12 19:25 G | 40363422.23 | 40363422.31 | 40363422.39 | 0.3712 | 0.3172 |
| Mercury | 105803-03-09 08:23 G | 40364878.77 | 40364878.85 | 40364878.92 | 0.3664 | 0.2498 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 105804-09-27 06:13 G | 40365446.68 | 40365446.76 | 40365446.84 | 0.3717 | 0.3160 |
| Mercury | 105808-09-21 23:44 G | 40366902.39 | 40366902.49 | 40366902.59 | 0.3661 | 0.0743 |
| Mercury | 105814-04-07 15:06 G | 40368926.04 | 40368926.13 | 40368926.23 | 0.3658 | 0.1002 |
| Mercury | 105819-10-22 06:28 G | 40370949.71 | 40370949.77 | 40370949.84 | 0.3655 | 0.2694 |
| Mercury | 105855-10-18 21:49 G | 40384095.27 | 40384095.41 | 40384095.56 | 0.3713 | 0.1242 |
| Mercury | 105859-10-14 05:44 G | 40385551.65 | 40385551.74 | 40385551.83 | 0.3663 | 0.1892 |
| Mercury | 105865-04-28 21:20 G | 40387575.28 | 40387575.39 | 40387575.49 | 0.3660 | 0.0221 |
| Mercury | 105870-11-12 12:42 G | 40389598.94 | 40389599.03 | 40389599.12 | 0.3657 | 0.1576 |
| Mercury | 105876-05-28 04:04 G | 40391622.62 | 40391622.67 | 40391622.71 | 0.3654 | 0.3267 |
| Mercury | 105910-11-05 11:44 G | 40404200.93 | 40404200.99 | 40404201.04 | 0.3666 | 0.3058 |
| Mercury | 105912-05-26 00:28 G | 40404768.37 | 40404768.52 | 40404768.68 | 0.3715 | 0.0727 |
| Mercury | 105916-05-21 03:06 G | 40406224.54 | 40406224.63 | 40406224.73 | 0.3663 | 0.1301 |
| Mercury | 105921-12-04 18:42 G | 40408248.18 | 40408248.28 | 40408248.38 | 0.3660 | 0.0447 |
| Mercury | 105927-06-20 10:04 G | 40410271.84 | 40410271.92 | 40410272.00 | 0.3657 | 0.2151 |
| Mercury | 105963-06-16 16:32 G | 40423417.14 | 40423417.19 | 40423417.23 | 0.3711 | 0.3558 |
| Mercury | 105967-06-12 09:06 G | 40424873.81 | 40424873.88 | 40424873.96 | 0.3665 | 0.2453 |
| Mercury | 105968-12-31 03:06 G | 40425441.52 | 40425441.63 | 40425441.74 | 0.3716 | 0.2690 |
| Mercury | 105972-12-26 00:42 G | 40426897.43 | 40426897.53 | 40426897.63 | 0.3662 | 0.0715 |
| Mercury | 105978-07-11 16:04 G | 40428921.07 | 40428921.17 | 40428921.27 | 0.3659 | 0.1026 |
| Mercury | 105984-01-25 07:25 G | 40430944.74 | 40430944.81 | 40430944.88 | 0.3656 | 0.2715 |

107TH MILLENNIUM CE

This is a list of transits visible from Venus in the 107th millennium CE.

| PLANET | MAX- TRANSIT | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|-----------------|---|-------|-----|-----|--------|-------|---|
|--------|-----------------|---|-------|-----|-----|--------|-------|---|

TIME

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 106018-07-03 15:06 G | 40443523.11 | 40443523.13 | 40443523.14 | 0.3667 | 0.3630 |
| Mercury | 106020-01-21 18:56 G | 40444090.15 | 40444090.29 | 40444090.43 | 0.3713 | 0.1654 |
| Mercury | 106024-01-17 06:28 G | 40445546.69 | 40445546.77 | 40445546.86 | 0.3664 | 0.1865 |
| Mercury | 106029-08-01 22:04 G | 40447570.32 | 40447570.42 | 40447570.52 | 0.3661 | 0.0114 |
| Mercury | 106035-02-15 13:25 G | 40449593.97 | 40449594.06 | 40449594.15 | 0.3658 | 0.1601 |
| Mercury | 106040-08-31 04:47 G | 40451617.66 | 40451617.70 | 40451617.74 | 0.3655 | 0.3285 |
| Mercury | 106075-02-07 12:28 G | 40464195.96 | 40464196.02 | 40464196.08 | 0.3666 | 0.3026 |
| Mercury | 106076-08-27 21:20 G | 40464763.23 | 40464763.39 | 40464763.55 | 0.3714 | 0.0252 |
| Mercury | 106080-08-23 04:04 G | 40466219.57 | 40466219.67 | 40466219.76 | 0.3663 | 0.1269 |
| Mercury | 106086-03-08 19:25 G | 40468243.21 | 40468243.31 | 40468243.41 | 0.3660 | 0.0479 |
| Mercury | 106091-09-22 10:47 G | 40470266.87 | 40470266.95 | 40470267.03 | 0.3657 | 0.2178 |
| Mercury | 106131-09-15 09:49 G | 40484868.84 | 40484868.91 | 40484868.99 | 0.3665 | 0.2426 |
| Mercury | 106133-04-04 23:44 G | 40485436.37 | 40485436.49 | 40485436.62 | 0.3715 | 0.2204 |
| Mercury | 106137-03-31 01:25 G | 40486892.46 | 40486892.56 | 40486892.66 | 0.3662 | 0.0669 |
| Mercury | 106142-10-14 16:47 G | 40488916.11 | 40488916.20 | 40488916.30 | 0.3659 | 0.1069 |
| Mercury | 106148-04-29 08:23 G | 40490939.78 | 40490939.85 | 40490939.91 | 0.3656 | 0.2756 |
| Mercury | 106182-10-06 15:49 G | 40503518.14 | 40503518.16 | 40503518.18 | 0.3668 | 0.3591 |
| Mercury | 106184-04-25 15:49 G | 40504085.03 | 40504085.16 | 40504085.29 | 0.3711 | 0.2068 |
| Mercury | 106188-04-21 07:25 G | 40505541.72 | 40505541.81 | 40505541.90 | 0.3665 | 0.1822 |
| Mercury | 106193-11-04 23:01 G | 40507565.35 | 40507565.46 | 40507565.56 | 0.3662 | 0.0175 |
| Mercury | 106199-05-21 14:23 G | 40509589.01 | 40509589.10 | 40509589.19 | 0.3659 | 0.1640 |
| Mercury | 106204-12-05 05:44 G | 40511612.70 | 40511612.74 | 40511612.78 | 0.3656 | 0.3322 |
| Mercury | 106239-05-14 13:11 G | 40524191.00 | 40524191.05 | 40524191.11 | 0.3667 | 0.2987 |
| Mercury | 106240-12-01 18:13 G | 40524758.11 | 40524758.26 | 40524758.42 | 0.3713 | 0.0200 |
| Mercury | 106244-11-27 04:47 G | 40526214.61 | 40526214.70 | 40526214.80 | 0.3664 | 0.1225 |
| Mercury | 106250-06-12 20:23 G | 40528238.25 | 40528238.35 | 40528238.45 | 0.3661 | 0.0516 |
| Mercury | 106255-12-27 11:44 G | 40530261.91 | 40530261.99 | 40530262.07 | 0.3658 | 0.2209 |
| Mercury | 106295-12-19 10:47 G | 40544863.87 | 40544863.95 | 40544864.02 | 0.3666 | 0.2387 |
| Mercury | 106297-07-08 20:52 G | 40545431.23 | 40545431.37 | 40545431.51 | 0.3714 | 0.1741 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 106301-07-05 02:23 G | 40546887.50 | 40546887.60 | 40546887.70 | 0.3663 | 0.0641 |
| Mercury | 106307-01-18 17:44 G | 40548911.14 | 40548911.24 | 40548911.34 | 0.3660 | 0.1083 |
| Mercury | 106312-08-03 09:06 G | 40550934.82 | 40550934.88 | 40550934.95 | 0.3657 | 0.2780 |
| Mercury | 106347-01-10 16:32 G | 40563513.17 | 40563513.19 | 40563513.21 | 0.3669 | 0.3564 |
| Mercury | 106348-07-30 12:42 G | 40564079.92 | 40564080.03 | 40564080.15 | 0.3710 | 0.2508 |
| Mercury | 106352-07-26 08:08 G | 40565536.75 | 40565536.84 | 40565536.93 | 0.3666 | 0.1788 |
| Mercury | 106354-02-13 23:16 G | 40566104.46 | 40566104.47 | 40566104.49 | 0.3715 | 0.3694 |
| Mercury | 106358-02-08 23:44 G | 40567560.38 | 40567560.49 | 40567560.59 | 0.3662 | 0.0095 |
| Mercury | 106363-08-25 15:06 G | 40569584.04 | 40569584.13 | 40569584.22 | 0.3659 | 0.1659 |
| Mercury | 106369-03-10 06:28 G | 40571607.73 | 40571607.77 | 40571607.81 | 0.3656 | 0.3342 |
| Mercury | 106403-08-17 14:08 G | 40584186.03 | 40584186.09 | 40584186.14 | 0.3668 | 0.2963 |
| Mercury | 106405-03-06 15:20 G | 40584752.98 | 40584753.14 | 40584753.29 | 0.3712 | 0.0629 |
| Mercury | 106409-03-02 05:44 G | 40586209.64 | 40586209.74 | 40586209.83 | 0.3665 | 0.1204 |
| Mercury | 106414-09-15 21:06 G | 40588233.28 | 40588233.38 | 40588233.48 | 0.3661 | 0.0533 |
| Mercury | 106420-03-31 12:28 G | 40590256.94 | 40590257.02 | 40590257.10 | 0.3658 | 0.2240 |
| Mercury | 106460-03-23 11:30 G | 40604858.90 | 40604858.98 | 40604859.06 | 0.3667 | 0.2355 |
| Mercury | 106461-10-11 17:44 G | 40605426.09 | 40605426.24 | 40605426.39 | 0.3713 | 0.1297 |
| Mercury | 106465-10-07 03:06 G | 40606882.53 | 40606882.63 | 40606882.73 | 0.3664 | 0.0603 |
| Mercury | 106471-04-22 18:28 G | 40608906.18 | 40608906.27 | 40608906.37 | 0.3661 | 0.1122 |
| Mercury | 106476-11-05 10:04 G | 40610929.85 | 40610929.92 | 40610929.98 | 0.3658 | 0.2809 |
| Mercury | 106511-04-15 17:16 G | 40623508.20 | 40623508.22 | 40623508.25 | 0.3669 | 0.3530 |
| Mercury | 106512-11-02 10:04 G | 40624074.82 | 40624074.92 | 40624075.01 | 0.3709 | 0.2882 |
| Mercury | 106516-10-29 09:06 G | 40625531.79 | 40625531.88 | 40625531.97 | 0.3666 | 0.1759 |
| Mercury | 106518-05-19 20:23 G | 40626099.27 | 40626099.35 | 40626099.42 | 0.3714 | 0.3238 |
| Mercury | 106522-05-15 00:28 G | 40627555.42 | 40627555.52 | 40627555.63 | 0.3663 | 0.0105 |
| Mercury | 106527-11-28 16:04 G | 40629579.08 | 40629579.17 | 40629579.26 | 0.3660 | 0.1698 |
| Mercury | 106533-06-13 07:25 G | 40631602.77 | 40631602.81 | 40631602.85 | 0.3657 | 0.3374 |
| Mercury | 106567-11-20 14:52 G | 40644181.06 | 40644181.12 | 40644181.18 | 0.3668 | 0.2918 |
| Mercury | 106569-06-09 12:28 G | 40644747.87 | 40644748.02 | 40644748.17 | 0.3711 | 0.1012 |
| Mercury | 106573-06-05 06:28 G | 40646204.67 | 40646204.77 | 40646204.87 | 0.3665 | 0.1157 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 106578-12-19 22:04 G | 40648228.32 | 40648228.42 | 40648228.52 | 0.3662 | 0.0579 |
| Mercury | 106584-07-04 13:25 G | 40650251.98 | 40650252.06 | 40650252.14 | 0.3659 | 0.2267 |
| Mercury | 106624-06-27 12:13 G | 40664853.94 | 40664854.01 | 40664854.09 | 0.3668 | 0.2323 |
| Mercury | 106626-01-15 14:52 G | 40665420.96 | 40665421.12 | 40665421.27 | 0.3712 | 0.0867 |
| Mercury | 106630-01-11 03:49 G | 40666877.56 | 40666877.66 | 40666877.76 | 0.3665 | 0.0583 |
| Mercury | 106635-07-27 19:25 G | 40668901.21 | 40668901.31 | 40668901.41 | 0.3661 | 0.1147 |
| Mercury | 106641-02-09 10:47 G | 40670924.89 | 40670924.95 | 40670925.01 | 0.3658 | 0.2825 |
| Mercury | 106675-07-19 18:13 G | 40683503.23 | 40683503.26 | 40683503.29 | 0.3670 | 0.3494 |
| Mercury | 106677-02-05 07:11 G | 40684069.73 | 40684069.80 | 40684069.87 | 0.3708 | 0.3260 |
| Mercury | 106681-02-01 09:49 G | 40685526.82 | 40685526.91 | 40685527.00 | 0.3667 | 0.1731 |
| Mercury | 106682-08-22 17:01 G | 40686094.11 | 40686094.21 | 40686094.32 | 0.3713 | 0.2738 |
| Mercury | 106686-08-18 01:25 G | 40687550.45 | 40687550.56 | 40687550.66 | 0.3664 | 0.0119 |
| Mercury | 106692-03-02 16:47 G | 40689574.11 | 40689574.20 | 40689574.29 | 0.3660 | 0.1717 |
| Mercury | 106697-09-16 08:08 G | 40691597.81 | 40691597.84 | 40691597.88 | 0.3657 | 0.3389 |
| Mercury | 106732-02-24 15:35 G | 40704176.09 | 40704176.15 | 40704176.21 | 0.3669 | 0.2895 |
| Mercury | 106733-09-13 09:20 G | 40704742.75 | 40704742.89 | 40704743.03 | 0.3709 | 0.1441 |
| Mercury | 106737-09-09 07:11 G | 40706199.70 | 40706199.80 | 40706199.90 | 0.3666 | 0.1141 |
| Mercury | 106743-03-25 22:47 G | 40708223.35 | 40708223.45 | 40708223.55 | 0.3663 | 0.0590 |
| Mercury | 106748-10-08 14:08 G | 40710247.01 | 40710247.09 | 40710247.17 | 0.3660 | 0.2289 |
| Mercury | 106788-09-30 13:11 G | 40724848.97 | 40724849.05 | 40724849.13 | 0.3668 | 0.2295 |
| Mercury | 106790-04-20 11:44 G | 40725415.84 | 40725415.99 | 40725416.15 | 0.3711 | 0.0423 |
| Mercury | 106794-04-16 04:47 G | 40726872.59 | 40726872.70 | 40726872.80 | 0.3665 | 0.0560 |
| Mercury | 106799-10-30 20:08 G | 40728896.25 | 40728896.34 | 40728896.44 | 0.3662 | 0.1181 |
| Mercury | 106805-05-15 11:44 G | 40730919.92 | 40730919.99 | 40730920.05 | 0.3659 | 0.2857 |
| Mercury | 106839-10-22 18:56 G | 40743498.26 | 40743498.29 | 40743498.32 | 0.3670 | 0.3463 |
| Mercury | 106841-05-11 04:18 G | 40744064.65 | 40744064.68 | 40744064.71 | 0.3707 | 0.3629 |
| Mercury | 106845-05-07 10:32 G | 40745521.85 | 40745521.94 | 40745522.03 | 0.3667 | 0.1697 |
| Mercury | 106846-11-25 14:08 G | 40746088.97 | 40746089.09 | 40746089.21 | 0.3712 | 0.2299 |
| Mercury | 106850-11-21 02:08 G | 40747545.49 | 40747545.59 | 40747545.69 | 0.3664 | 0.0065 |
| Mercury | 106856-06-05 17:44 G | 40749569.15 | 40749569.24 | 40749569.33 | 0.3661 | 0.1749 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 106861-12-20 09:06 G | 40751592.85 | 40751592.88 | 40751592.91 | 0.3658 | 0.3418 |
| Mercury | 106896-05-28 16:18 G | 40764171.12 | 40764171.18 | 40764171.25 | 0.3670 | 0.2863 |
| Mercury | 106897-12-16 06:28 G | 40764737.64 | 40764737.77 | 40764737.91 | 0.3708 | 0.1828 |
| Mercury | 106901-12-13 08:08 G | 40766194.74 | 40766194.84 | 40766194.93 | 0.3667 | 0.1110 |
| Mercury | 106907-06-28 23:44 G | 40768218.38 | 40768218.49 | 40768218.59 | 0.3663 | 0.0643 |
| Mercury | 106913-01-11 15:06 G | 40770242.05 | 40770242.13 | 40770242.21 | 0.3660 | 0.2309 |
| Mercury | 106953-01-03 13:54 G | 40784844.00 | 40784844.08 | 40784844.16 | 0.3669 | 0.2266 |
| Mercury | 106954-07-24 08:52 G | 40785410.71 | 40785410.87 | 40785411.02 | 0.3710 | 0.0110 |
| Mercury | 106958-07-20 05:30 G | 40786867.63 | 40786867.73 | 40786867.83 | 0.3666 | 0.0519 |
| Mercury | 106964-02-02 21:06 G | 40788891.28 | 40788891.38 | 40788891.47 | 0.3663 | 0.1193 |
| Mercury | 106969-08-18 12:28 G | 40790914.96 | 40790915.02 | 40790915.08 | 0.3660 | 0.2873 |

108TH MILLENNIUM CE

This is a list of transits visible from Venus in the 108th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 107004-01-26 19:40 G | 40803493.29 | 40803493.32 | 40803493.35 | 0.3671 | 0.3443 | | |
| Mercury | 107009-08-11 11:16 G | 40805516.88 | 40805516.97 | 40805517.07 | 0.3668 | 0.1679 | | |
| Mercury | 107011-03-01 11:01 G | 40806083.83 | 40806083.96 | 40806084.10 | 0.3711 | 0.1837 | | |
| Mercury | 107015-02-25 02:52 G | 40807540.52 | 40807540.62 | 40807540.73 | 0.3665 | 0.0137 | | |
| Mercury | 107020-09-09 18:28 G | 40809564.18 | 40809564.27 | 40809564.36 | 0.3662 | 0.1760 | | |
| Mercury | 107026-03-26 09:49 G | 40811587.88 | 40811587.91 | 40811587.95 | 0.3659 | 0.3437 | | |
| Mercury | 107060-09-01 17:16 G | 40824166.15 | 40824166.22 | 40824166.28 | 0.3670 | 0.2842 | | |
| Mercury | 107062-03-22 03:35 G | 40824732.53 | 40824732.65 | 40824732.77 | 0.3707 | 0.2247 | | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 107066-03-18 08:52 G | 40826189.77 | 40826189.87 | 40826189.97 | 0.3667 | 0.1083 |
| Mercury | 107071-10-02 00:28 G | 40828213.42 | 40828213.52 | 40828213.62 | 0.3664 | 0.0643 |
| Mercury | 107077-04-16 15:49 G | 40830237.09 | 40830237.16 | 40830237.24 | 0.3661 | 0.2333 |
| Mercury | 107117-04-09 14:37 G | 40844839.03 | 40844839.11 | 40844839.19 | 0.3670 | 0.2243 |
| Mercury | 107118-10-28 05:59 G | 40845405.59 | 40845405.75 | 40845405.90 | 0.3709 | 0.0439 |
| Mercury | 107122-10-24 06:13 G | 40846862.66 | 40846862.76 | 40846862.87 | 0.3666 | 0.0511 |
| Mercury | 107128-05-08 21:49 G | 40848886.31 | 40848886.41 | 40848886.51 | 0.3663 | 0.1216 |
| Mercury | 107133-11-22 13:25 G | 40850910.00 | 40850910.06 | 40850910.12 | 0.3660 | 0.2900 |
| Mercury | 107168-04-30 20:23 G | 40863488.32 | 40863488.35 | 40863488.39 | 0.3672 | 0.3412 |
| Mercury | 107173-11-14 12:13 G | 40865511.92 | 40865512.01 | 40865512.10 | 0.3669 | 0.1645 |
| Mercury | 107175-06-04 08:23 G | 40866078.70 | 40866078.85 | 40866078.99 | 0.3710 | 0.1426 |
| Mercury | 107179-05-31 03:49 G | 40867535.56 | 40867535.66 | 40867535.76 | 0.3665 | 0.0095 |
| Mercury | 107184-12-13 19:25 G | 40869559.22 | 40869559.31 | 40869559.40 | 0.3663 | 0.1794 |
| Mercury | 107190-06-29 10:47 G | 40871582.92 | 40871582.95 | 40871582.98 | 0.3659 | 0.3460 |
| Mercury | 107224-12-05 17:59 G | 40884161.19 | 40884161.25 | 40884161.32 | 0.3671 | 0.2808 |
| Mercury | 107226-06-25 00:42 G | 40884727.43 | 40884727.53 | 40884727.64 | 0.3706 | 0.2618 |
| Mercury | 107230-06-21 09:35 G | 40886184.80 | 40886184.90 | 40886185.00 | 0.3668 | 0.1061 |
| Mercury | 107232-01-09 10:47 G | 40886751.88 | 40886751.95 | 40886752.02 | 0.3711 | 0.3285 |
| Mercury | 107236-01-05 01:11 G | 40888208.45 | 40888208.55 | 40888208.65 | 0.3665 | 0.0666 |
| Mercury | 107241-07-20 16:47 G | 40890232.12 | 40890232.20 | 40890232.28 | 0.3662 | 0.2356 |
| Mercury | 107281-07-12 15:35 G | 40904834.06 | 40904834.15 | 40904834.23 | 0.3670 | 0.2217 |
| Mercury | 107283-01-30 03:06 G | 40905400.48 | 40905400.63 | 40905400.78 | 0.3708 | 0.0822 |
| Mercury | 107287-01-26 07:11 G | 40906857.69 | 40906857.80 | 40906857.90 | 0.3667 | 0.0492 |
| Mercury | 107292-08-10 22:47 G | 40908881.35 | 40908881.45 | 40908881.54 | 0.3664 | 0.1246 |
| Mercury | 107298-02-24 14:08 G | 40910905.03 | 40910905.09 | 40910905.15 | 0.3661 | 0.2912 |
| Mercury | 107332-08-03 21:20 G | 40923483.35 | 40923483.39 | 40923483.42 | 0.3673 | 0.3388 |
| Mercury | 107338-02-17 12:56 G | 40925506.95 | 40925507.04 | 40925507.13 | 0.3669 | 0.1628 |
| Mercury | 107339-09-07 05:16 G | 40926073.57 | 40926073.72 | 40926073.87 | 0.3709 | 0.0967 |
| Mercury | 107343-09-03 04:32 G | 40927530.59 | 40927530.69 | 40927530.79 | 0.3666 | 0.0112 |
| Mercury | 107349-03-18 20:08 G | 40929554.25 | 40929554.34 | 40929554.43 | 0.3663 | 0.1804 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 107354-10-02 11:30 G | 40931577.95 | 40931577.98 | 40931578.01 | 0.3660 | 0.3469 |
| Mercury | 107389-03-10 18:42 G | 40944156.22 | 40944156.28 | 40944156.35 | 0.3672 | 0.2790 |
| Mercury | 107390-09-27 22:04 G | 40944722.33 | 40944722.42 | 40944722.51 | 0.3705 | 0.3000 |
| Mercury | 107394-09-24 10:18 G | 40946179.84 | 40946179.93 | 40946180.03 | 0.3669 | 0.1050 |
| Mercury | 107396-04-13 07:40 G | 40946746.72 | 40946746.82 | 40946746.92 | 0.3710 | 0.2808 |
| Mercury | 107400-04-10 02:08 G | 40948203.48 | 40948203.59 | 40948203.69 | 0.3665 | 0.0700 |
| Mercury | 107405-10-24 17:30 G | 40950227.16 | 40950227.23 | 40950227.31 | 0.3662 | 0.2374 |
| Mercury | 107445-10-16 16:18 G | 40964829.10 | 40964829.18 | 40964829.26 | 0.3671 | 0.2195 |
| Mercury | 107447-05-06 00:13 G | 40965395.37 | 40965395.51 | 40965395.66 | 0.3707 | 0.1224 |
| Mercury | 107451-05-02 07:54 G | 40966852.73 | 40966852.83 | 40966852.93 | 0.3668 | 0.0453 |
| Mercury | 107456-11-14 23:30 G | 40968876.38 | 40968876.48 | 40968876.58 | 0.3665 | 0.1258 |
| Mercury | 107462-05-31 15:06 G | 40970900.07 | 40970900.13 | 40970900.19 | 0.3661 | 0.2937 |
| Mercury | 107496-11-06 22:04 G | 40983478.38 | 40983478.42 | 40983478.46 | 0.3673 | 0.3364 |
| Mercury | 107502-05-24 13:39 G | 40985501.98 | 40985502.07 | 40985502.17 | 0.3670 | 0.1603 |
| Mercury | 107503-12-12 02:23 G | 40986068.45 | 40986068.60 | 40986068.76 | 0.3708 | 0.0575 |
| Mercury | 107507-12-08 05:30 G | 40987525.62 | 40987525.73 | 40987525.83 | 0.3667 | 0.0196 |
| Mercury | 107513-06-22 20:51 G | 40989549.29 | 40989549.37 | 40989549.46 | 0.3664 | 0.1835 |
| Mercury | 107519-01-06 12:27 G | 40991572.99 | 40991573.02 | 40991573.05 | 0.3661 | 0.3489 |
| Mercury | 107553-06-14 19:25 G | 41004151.25 | 41004151.31 | 41004151.38 | 0.3672 | 0.2765 |
| Mercury | 107555-01-01 19:25 G | 41004717.24 | 41004717.31 | 41004717.37 | 0.3704 | 0.3344 |
| Mercury | 107558-12-29 11:15 G | 41006174.87 | 41006174.97 | 41006175.07 | 0.3669 | 0.1013 |
| Mercury | 107560-07-18 04:47 G | 41006741.58 | 41006741.70 | 41006741.82 | 0.3709 | 0.2368 |
| Mercury | 107564-07-14 02:51 G | 41008198.52 | 41008198.62 | 41008198.72 | 0.3666 | 0.0707 |
| Mercury | 107570-01-27 18:27 G | 41010222.19 | 41010222.27 | 41010222.34 | 0.3663 | 0.2388 |
| Mercury | 107610-01-19 17:01 G | 41024824.13 | 41024824.21 | 41024824.29 | 0.3672 | 0.2177 |
| Mercury | 107611-08-08 21:20 G | 41025390.25 | 41025390.39 | 41025390.53 | 0.3706 | 0.1640 |
| Mercury | 107615-08-05 08:37 G | 41026847.76 | 41026847.86 | 41026847.97 | 0.3669 | 0.0448 |
| Mercury | 107621-02-18 00:13 G | 41028871.42 | 41028871.51 | 41028871.61 | 0.3665 | 0.1270 |
| Mercury | 107626-09-03 15:49 G | 41030895.10 | 41030895.16 | 41030895.22 | 0.3662 | 0.2943 |
| Mercury | 107661-02-09 22:47 G | 41043473.41 | 41043473.45 | 41043473.49 | 0.3674 | 0.3352 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 107666-08-26 14:23 G | 41045497.01 | 41045497.10 | 41045497.20 | 0.3671 | 0.1592 |
| Mercury | 107668-03-14 23:30 G | 41046063.33 | 41046063.48 | 41046063.64 | 0.3707 | 0.0155 |
| Mercury | 107672-03-11 06:13 G | 41047520.65 | 41047520.76 | 41047520.86 | 0.3667 | 0.0162 |
| Mercury | 107677-09-24 21:49 G | 41049544.32 | 41049544.41 | 41049544.50 | 0.3664 | 0.1840 |
| Mercury | 107683-04-10 13:11 G | 41051568.03 | 41051568.05 | 41051568.08 | 0.3661 | 0.3502 |
| Mercury | 107717-09-17 20:08 G | 41064146.28 | 41064146.34 | 41064146.41 | 0.3673 | 0.2756 |
| Mercury | 107723-04-03 11:59 G | 41066169.90 | 41066170.00 | 41066170.10 | 0.3670 | 0.0999 |
| Mercury | 107724-10-21 01:54 G | 41066736.45 | 41066736.58 | 41066736.71 | 0.3708 | 0.1930 |
| Mercury | 107728-10-17 03:35 G | 41068193.55 | 41068193.65 | 41068193.75 | 0.3667 | 0.0722 |
| Mercury | 107734-05-02 19:11 G | 41070217.22 | 41070217.30 | 41070217.38 | 0.3664 | 0.2401 |
| Mercury | 107774-04-24 17:44 G | 41084819.16 | 41084819.24 | 41084819.32 | 0.3672 | 0.2155 |
| Mercury | 107775-11-11 18:42 G | 41085385.15 | 41085385.28 | 41085385.41 | 0.3705 | 0.2002 |
| Mercury | 107779-11-08 09:35 G | 41086842.79 | 41086842.90 | 41086843.00 | 0.3669 | 0.0433 |
| Mercury | 107785-05-24 01:11 G | 41088866.45 | 41088866.55 | 41088866.64 | 0.3666 | 0.1295 |
| Mercury | 107790-12-07 16:47 G | 41090890.14 | 41090890.20 | 41090890.25 | 0.3663 | 0.2969 |
| Mercury | 107825-05-16 23:30 G | 41103468.44 | 41103468.48 | 41103468.52 | 0.3675 | 0.3324 |
| Mercury | 107830-11-30 15:20 G | 41105492.05 | 41105492.14 | 41105492.23 | 0.3671 | 0.1561 |
| Mercury | 107832-06-18 20:51 G | 41106058.22 | 41106058.37 | 41106058.53 | 0.3706 | 0.0253 |
| Mercury | 107836-06-15 06:56 G | 41107515.69 | 41107515.79 | 41107515.90 | 0.3668 | 0.0187 |
| Mercury | 107841-12-29 22:32 G | 41109539.35 | 41109539.44 | 41109539.53 | 0.3665 | 0.1860 |
| Mercury | 107847-07-15 14:08 G | 41111563.06 | 41111563.09 | 41111563.11 | 0.3662 | 0.3520 |
| Mercury | 107881-12-21 21:06 G | 41124141.31 | 41124141.38 | 41124141.44 | 0.3674 | 0.2728 |
| Mercury | 107887-07-07 12:42 G | 41126164.93 | 41126165.03 | 41126165.13 | 0.3671 | 0.0986 |
| Mercury | 107889-01-23 23:01 G | 41126731.32 | 41126731.46 | 41126731.61 | 0.3707 | 0.1521 |
| Mercury | 107893-01-20 04:32 G | 41128188.58 | 41128188.69 | 41128188.79 | 0.3668 | 0.0749 |
| Mercury | 107898-08-05 20:08 G | 41130212.26 | 41130212.34 | 41130212.41 | 0.3664 | 0.2425 |
| Mercury | 107938-07-29 18:27 G | 41144814.19 | 41144814.27 | 41144814.36 | 0.3673 | 0.2136 |
| Mercury | 107940-02-15 16:03 G | 41145380.05 | 41145380.17 | 41145380.28 | 0.3704 | 0.2370 |
| Mercury | 107944-02-12 10:18 G | 41146837.83 | 41146837.93 | 41146838.03 | 0.3670 | 0.0410 |
| Mercury | 107945-09-01 01:11 G | 41147404.49 | 41147404.55 | 41147404.62 | 0.3709 | 0.3290 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 107949-08-28 01:54 G | 41148861.48 | 41148861.58 | 41148861.68 | 0.3667 | 0.1305 |
| Mercury | 107955-03-13 17:30 G | 41150885.17 | 41150885.23 | 41150885.29 | 0.3663 | 0.2971 |
| Mercury | 107989-08-20 00:13 G | 41163463.47 | 41163463.51 | 41163463.55 | 0.3676 | 0.3310 |
| Mercury | 107995-03-05 16:03 G | 41165487.08 | 41165487.17 | 41165487.26 | 0.3672 | 0.1552 |
| Mercury | 107996-09-21 17:59 G | 41166053.10 | 41166053.25 | 41166053.40 | 0.3705 | 0.0673 |
| Mercury | 108000-09-18 07:39 G | 41167510.72 | 41167510.82 | 41167510.93 | 0.3669 | 0.0200 |

109TH MILLENNIUM CE

This is a list of transits visible from Venus in the 109th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 108006-04-03 23:15 G | | 41169534.39 | 41169534.47 | 41169534.56 | 0.3666 | 0.1872 | |
| Mercury | 108011-10-18 14:51 G | | 41171558.10 | 41171558.12 | 41171558.15 | 0.3663 | 0.3525 | |
| Mercury | 108046-03-26 21:49 G | | 41184136.34 | 41184136.41 | 41184136.48 | 0.3675 | 0.2714 | |
| Mercury | 108051-10-10 13:39 G | | 41186159.97 | 41186160.07 | 41186160.16 | 0.3671 | 0.0982 | |
| Mercury | 108053-04-28 20:08 G | | 41186726.20 | 41186726.34 | 41186726.49 | 0.3706 | 0.1096 | |
| Mercury | 108057-04-25 05:15 G | | 41188183.62 | 41188183.72 | 41188183.82 | 0.3668 | 0.0749 | |
| Mercury | 108062-11-08 20:51 G | | 41190207.29 | 41190207.37 | 41190207.45 | 0.3665 | 0.2430 | |
| Mercury | 108102-11-01 19:25 G | | 41204809.22 | 41204809.31 | 41204809.39 | 0.3674 | 0.2125 | |
| Mercury | 108104-05-20 13:25 G | | 41205374.95 | 41205375.06 | 41205375.16 | 0.3702 | 0.2741 | |
| Mercury | 108108-05-17 11:01 G | | 41206832.86 | 41206832.96 | 41206833.06 | 0.3670 | 0.0388 | |
| Mercury | 108109-12-04 22:32 G | | 41207399.34 | 41207399.44 | 41207399.54 | 0.3707 | 0.2867 | |
| Mercury | 108113-12-01 02:37 G | | 41208856.52 | 41208856.61 | 41208856.71 | 0.3667 | 0.1328 | |
| Mercury | 108119-06-16 18:13 G | | 41210880.21 | 41210880.26 | 41210880.32 | 0.3664 | 0.2991 | |

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|---------|--------------------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 108153-11-23 00:56 | G | 41223458.50 | 41223458.54 | 41223458.59 | 0.3676 | 0.3291 |
| Mercury | 108159-06-08 16:47 | G | 41225482.11 | 41225482.20 | 41225482.30 | 0.3673 | 0.1531 |
| Mercury | 108160-12-25 15:20 | G | 41226047.99 | 41226048.14 | 41226048.29 | 0.3704 | 0.1037 |
| Mercury | 108164-12-22 08:37 | G | 41227505.75 | 41227505.86 | 41227505.96 | 0.3670 | 0.0208 |
| Mercury | 108170-07-08 00:13 | G | 41229529.42 | 41229529.51 | 41229529.60 | 0.3666 | 0.1885 |
| Mercury | 108176-01-21 15:49 | G | 41231553.13 | 41231553.16 | 41231553.18 | 0.3663 | 0.3540 |
| Mercury | 108210-06-30 22:32 | G | 41244131.37 | 41244131.44 | 41244131.51 | 0.3675 | 0.2692 |
| Mercury | 108216-01-14 14:23 | G | 41246155.00 | 41246155.10 | 41246155.20 | 0.3672 | 0.0953 |
| Mercury | 108217-08-02 17:30 | G | 41246721.08 | 41246721.23 | 41246721.38 | 0.3705 | 0.0675 |
| Mercury | 108221-07-30 05:59 | G | 41248178.65 | 41248178.75 | 41248178.85 | 0.3669 | 0.0774 |
| Mercury | 108227-02-12 21:35 | G | 41250202.33 | 41250202.40 | 41250202.48 | 0.3666 | 0.2435 |
| Mercury | 108267-02-04 20:08 | G | 41264804.25 | 41264804.34 | 41264804.42 | 0.3674 | 0.2119 |
| Mercury | 108268-08-23 10:32 | G | 41265369.86 | 41265369.94 | 41265370.02 | 0.3701 | 0.3121 |
| Mercury | 108272-08-20 11:44 | G | 41266827.89 | 41266827.99 | 41266828.10 | 0.3671 | 0.0391 |
| Mercury | 108274-03-09 19:39 | G | 41267394.20 | 41267394.32 | 41267394.44 | 0.3707 | 0.2429 |
| Mercury | 108278-03-06 03:35 | G | 41268851.55 | 41268851.65 | 41268851.74 | 0.3668 | 0.1331 |
| Mercury | 108283-09-19 19:11 | G | 41270875.24 | 41270875.30 | 41270875.35 | 0.3665 | 0.2995 |
| Mercury | 108318-02-27 01:39 | G | 41283453.53 | 41283453.57 | 41283453.62 | 0.3677 | 0.3283 |
| Mercury | 108323-09-12 17:30 | G | 41285477.14 | 41285477.23 | 41285477.33 | 0.3674 | 0.1528 |
| Mercury | 108325-03-31 12:42 | G | 41286042.89 | 41286043.03 | 41286043.17 | 0.3703 | 0.1436 |
| Mercury | 108329-03-28 09:20 | G | 41287500.79 | 41287500.89 | 41287500.99 | 0.3670 | 0.0202 |
| Mercury | 108334-10-12 00:56 | G | 41289524.45 | 41289524.54 | 41289524.63 | 0.3667 | 0.1887 |
| Mercury | 108340-04-26 16:32 | G | 41291548.17 | 41291548.19 | 41291548.21 | 0.3664 | 0.3544 |
| Mercury | 108374-10-03 23:15 | G | 41304126.40 | 41304126.47 | 41304126.54 | 0.3676 | 0.2690 |
| Mercury | 108380-04-18 15:06 | G | 41306150.03 | 41306150.13 | 41306150.23 | 0.3673 | 0.0942 |
| Mercury | 108381-11-05 14:51 | G | 41306715.96 | 41306716.12 | 41306716.27 | 0.3704 | 0.0294 |
| Mercury | 108385-11-02 06:42 | G | 41308173.68 | 41308173.78 | 41308173.89 | 0.3669 | 0.0786 |
| Mercury | 108391-05-18 22:32 | G | 41310197.36 | 41310197.44 | 41310197.51 | 0.3666 | 0.2453 |
| Mercury | 108431-05-10 20:51 | G | 41324799.28 | 41324799.37 | 41324799.45 | 0.3675 | 0.2098 |
| Mercury | 108432-11-26 08:08 | G | 41325364.78 | 41325364.84 | 41325364.89 | 0.3700 | 0.3443 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 108436-11-23 12:42 G | 41326822.92 | 41326823.03 | 41326823.13 | 0.3672 | 0.0372 |
| Mercury | 108438-06-12 17:01 G | 41327389.08 | 41327389.21 | 41327389.34 | 0.3705 | 0.2023 |
| Mercury | 108442-06-09 04:18 G | 41328846.59 | 41328846.68 | 41328846.78 | 0.3669 | 0.1342 |
| Mercury | 108447-12-23 19:54 G | 41330870.28 | 41330870.33 | 41330870.39 | 0.3665 | 0.3008 |
| Mercury | 108482-06-01 02:23 G | 41343448.56 | 41343448.60 | 41343448.65 | 0.3677 | 0.3267 |
| Mercury | 108487-12-15 18:27 G | 41345472.17 | 41345472.27 | 41345472.36 | 0.3674 | 0.1514 |
| Mercury | 108489-07-03 10:03 G | 41346037.79 | 41346037.92 | 41346038.05 | 0.3702 | 0.1784 |
| Mercury | 108493-06-30 10:03 G | 41347495.82 | 41347495.92 | 41347496.03 | 0.3671 | 0.0241 |
| Mercury | 108499-01-14 01:54 G | 41349519.49 | 41349519.58 | 41349519.66 | 0.3668 | 0.1908 |
| Mercury | 108504-07-30 17:15 G | 41351543.20 | 41351543.22 | 41351543.25 | 0.3665 | 0.3560 |
| Mercury | 108539-01-06 23:59 G | 41364121.43 | 41364121.50 | 41364121.57 | 0.3677 | 0.2673 |
| Mercury | 108544-07-22 15:49 G | 41366145.06 | 41366145.16 | 41366145.26 | 0.3673 | 0.0927 |
| Mercury | 108546-02-08 12:13 G | 41366710.85 | 41366711.01 | 41366711.16 | 0.3703 | 0.0124 |
| Mercury | 108550-02-05 07:39 G | 41368168.72 | 41368168.82 | 41368168.92 | 0.3670 | 0.0785 |
| Mercury | 108555-08-21 23:15 G | 41370192.40 | 41370192.47 | 41370192.55 | 0.3667 | 0.2461 |
| Mercury | 108595-08-13 21:35 G | 41384794.31 | 41384794.40 | 41384794.48 | 0.3676 | 0.2082 |
| Mercury | 108601-02-27 13:25 G | 41386817.95 | 41386818.06 | 41386818.16 | 0.3672 | 0.0369 |
| Mercury | 108602-09-16 14:08 G | 41387383.95 | 41387384.09 | 41387384.23 | 0.3704 | 0.1575 |
| Mercury | 108606-09-13 05:01 G | 41388841.62 | 41388841.71 | 41388841.81 | 0.3669 | 0.1345 |
| Mercury | 108612-03-28 20:37 G | 41390865.31 | 41390865.36 | 41390865.42 | 0.3666 | 0.3010 |
| Mercury | 108646-09-05 03:06 G | 41403443.59 | 41403443.63 | 41403443.68 | 0.3678 | 0.3262 |
| Mercury | 108652-03-20 19:11 G | 41405467.20 | 41405467.30 | 41405467.39 | 0.3675 | 0.1510 |
| Mercury | 108653-10-07 07:25 G | 41406032.68 | 41406032.81 | 41406032.93 | 0.3701 | 0.2162 |
| Mercury | 108657-10-04 10:47 G | 41407490.85 | 41407490.95 | 41407491.06 | 0.3672 | 0.0238 |
| Mercury | 108659-04-23 16:18 G | 41408057.11 | 41408057.18 | 41408057.25 | 0.3706 | 0.3310 |
| Mercury | 108663-04-20 02:37 G | 41409514.52 | 41409514.61 | 41409514.70 | 0.3668 | 0.1908 |
| Mercury | 108668-11-02 18:13 G | 41411538.24 | 41411538.26 | 41411538.28 | 0.3665 | 0.3558 |
| Mercury | 108703-04-13 00:42 G | 41424116.46 | 41424116.53 | 41424116.60 | 0.3677 | 0.2667 |
| Mercury | 108708-10-26 16:32 G | 41426140.09 | 41426140.19 | 41426140.29 | 0.3674 | 0.0926 |
| Mercury | 108710-05-15 09:20 G | 41426705.74 | 41426705.89 | 41426706.04 | 0.3702 | 0.0500 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 108714-05-12 08:23 G | 41428163.75 | 41428163.85 | 41428163.95 | 0.3671 | 0.0787 |
| Mercury | 108719-11-25 23:59 G | 41430187.43 | 41430187.50 | 41430187.58 | 0.3667 | 0.2468 |
| Mercury | 108759-11-17 22:18 G | 41444789.34 | 41444789.43 | 41444789.52 | 0.3676 | 0.2074 |
| Mercury | 108765-06-02 14:08 G | 41446812.99 | 41446813.09 | 41446813.19 | 0.3673 | 0.0343 |
| Mercury | 108766-12-20 11:30 G | 41447378.83 | 41447378.98 | 41447379.12 | 0.3703 | 0.1192 |
| Mercury | 108770-12-17 05:59 G | 41448836.65 | 41448836.75 | 41448836.84 | 0.3670 | 0.1363 |
| Mercury | 108776-07-01 21:35 G | 41450860.34 | 41450860.40 | 41450860.45 | 0.3667 | 0.3020 |
| Mercury | 108810-12-09 03:49 G | 41463438.62 | 41463438.66 | 41463438.71 | 0.3679 | 0.3250 |
| Mercury | 108816-06-23 19:54 G | 41465462.23 | 41465462.33 | 41465462.42 | 0.3676 | 0.1487 |
| Mercury | 108818-01-10 04:47 G | 41466027.59 | 41466027.70 | 41466027.82 | 0.3699 | 0.2500 |
| Mercury | 108822-01-07 11:44 G | 41467485.88 | 41467485.99 | 41467486.09 | 0.3672 | 0.0249 |
| Mercury | 108823-07-27 13:39 G | 41468051.97 | 41468052.07 | 41468052.16 | 0.3705 | 0.2903 |
| Mercury | 108827-07-24 03:20 G | 41469509.56 | 41469509.64 | 41469509.73 | 0.3669 | 0.1921 |
| Mercury | 108833-02-05 18:56 G | 41471533.27 | 41471533.29 | 41471533.31 | 0.3666 | 0.3561 |
| Mercury | 108867-07-16 01:25 G | 41484111.49 | 41484111.56 | 41484111.63 | 0.3678 | 0.2655 |
| Mercury | 108873-01-28 17:15 G | 41486135.12 | 41486135.22 | 41486135.32 | 0.3675 | 0.0926 |
| Mercury | 108874-08-17 06:42 G | 41486700.63 | 41486700.78 | 41486700.93 | 0.3701 | 0.0891 |
| Mercury | 108878-08-14 09:06 G | 41488158.78 | 41488158.88 | 41488158.98 | 0.3672 | 0.0804 |
| Mercury | 108884-02-28 00:42 G | 41490182.46 | 41490182.53 | 41490182.61 | 0.3668 | 0.2467 |
| Mercury | 108924-02-20 23:01 G | 41504784.37 | 41504784.46 | 41504784.54 | 0.3677 | 0.2074 |
| Mercury | 108929-09-05 14:51 G | 41506808.02 | 41506808.12 | 41506808.22 | 0.3674 | 0.0340 |
| Mercury | 108931-03-25 08:51 G | 41507373.72 | 41507373.87 | 41507374.02 | 0.3702 | 0.0790 |
| Mercury | 108935-03-22 06:42 G | 41508831.68 | 41508831.78 | 41508831.87 | 0.3671 | 0.1359 |
| Mercury | 108940-10-04 22:18 G | 41510855.37 | 41510855.43 | 41510855.49 | 0.3667 | 0.3015 |
| Mercury | 108975-03-14 04:32 G | 41523433.65 | 41523433.69 | 41523433.74 | 0.3680 | 0.3248 |
| Mercury | 108980-09-26 20:37 G | 41525457.26 | 41525457.36 | 41525457.45 | 0.3676 | 0.1492 |
| Mercury | 108982-04-15 02:08 G | 41526022.50 | 41526022.59 | 41526022.69 | 0.3698 | 0.2875 |
| Mercury | 108986-04-12 12:27 G | 41527480.91 | 41527481.02 | 41527481.12 | 0.3673 | 0.0242 |
| Mercury | 108987-10-30 10:47 G | 41528046.84 | 41528046.95 | 41528047.07 | 0.3704 | 0.2479 |
| Mercury | 108991-10-27 04:03 G | 41529504.59 | 41529504.67 | 41529504.76 | 0.3670 | 0.1917 |

Mercury 108997-05-11 19:39 G 41531528.30 41531528.32 41531528.35 0.3667 0.3567

110TH MILLENNIUM CE

This is a list of transits visible from Venus in the 110th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 109031-10-20 02:08 | G | 41544106.52 | 41544106.59 | 41544106.66 | 0.3679 | 0.2654 | |
| Mercury | 109037-05-04 18:13 | G | 41546130.15 | 41546130.26 | 41546130.36 | 0.3675 | 0.0923 | |
| Mercury | 109038-11-21 04:18 | G | 41546695.53 | 41546695.68 | 41546695.82 | 0.3700 | 0.1244 | |
| Mercury | 109042-11-18 09:49 | G | 41548153.81 | 41548153.91 | 41548154.02 | 0.3672 | 0.0817 | |
| Mercury | 109048-06-03 01:39 | G | 41550177.49 | 41550177.57 | 41550177.64 | 0.3669 | 0.2472 | |
| Mercury | 109088-05-25 23:44 | G | 41564779.41 | 41564779.49 | 41564779.58 | 0.3678 | 0.2063 | |
| Mercury | 109093-12-09 15:35 | G | 41566803.05 | 41566803.15 | 41566803.26 | 0.3675 | 0.0356 | |
| Mercury | 109095-06-28 06:13 | G | 41567368.61 | 41567368.76 | 41567368.91 | 0.3701 | 0.0419 | |
| Mercury | 109099-06-25 07:25 | G | 41568826.72 | 41568826.81 | 41568826.91 | 0.3671 | 0.1368 | |
| Mercury | 109105-01-08 23:01 | G | 41570850.41 | 41570850.46 | 41570850.52 | 0.3668 | 0.3029 | |
| Mercury | 109139-06-18 05:15 | G | 41583428.68 | 41583428.72 | 41583428.77 | 0.3680 | 0.3237 | |
| Mercury | 109144-12-31 21:20 | G | 41585452.29 | 41585452.39 | 41585452.48 | 0.3677 | 0.1478 | |
| Mercury | 109146-07-19 23:44 | G | 41586017.42 | 41586017.49 | 41586017.57 | 0.3698 | 0.3192 | |
| Mercury | 109150-07-17 13:11 | G | 41587475.95 | 41587476.05 | 41587476.15 | 0.3674 | 0.0245 | |
| Mercury | 109152-02-03 08:23 | G | 41588041.72 | 41588041.85 | 41588041.97 | 0.3703 | 0.2086 | |
| Mercury | 109156-01-31 05:01 | G | 41589499.62 | 41589499.71 | 41589499.79 | 0.3671 | 0.1925 | |
| Mercury | 109161-08-15 20:37 | G | 41591523.34 | 41591523.36 | 41591523.38 | 0.3667 | 0.3573 | |
| Mercury | 109196-01-23 02:51 | G | 41604101.55 | 41604101.62 | 41604101.69 | 0.3680 | 0.2647 | |

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| Mercury | 109201-08-07 18:56 | G | 41606125.19 | 41606125.29 | 41606125.39 | 0.3676 | 0.0900 |
| Mercury | 109203-02-24 01:39 | G | 41606690.44 | 41606690.57 | 41606690.71 | 0.3699 | 0.1584 |
| Mercury | 109207-02-21 10:47 | G | 41608148.84 | 41608148.95 | 41608149.05 | 0.3673 | 0.0812 |
| Mercury | 109212-09-06 02:22 | G | 41610172.53 | 41610172.60 | 41610172.68 | 0.3670 | 0.2476 |
| Mercury | 109252-08-29 00:27 | G | 41624774.44 | 41624774.52 | 41624774.61 | 0.3679 | 0.2059 |
| Mercury | 109258-03-14 16:18 | G | 41626798.08 | 41626798.18 | 41626798.29 | 0.3675 | 0.0350 |
| Mercury | 109259-10-01 03:34 | G | 41627363.49 | 41627363.65 | 41627363.80 | 0.3700 | 0.0060 |
| Mercury | 109263-09-28 08:08 | G | 41628821.75 | 41628821.84 | 41628821.94 | 0.3672 | 0.1361 |
| Mercury | 109269-04-12 23:58 | G | 41630845.44 | 41630845.50 | 41630845.55 | 0.3669 | 0.3024 |
| Mercury | 109303-09-21 05:58 | G | 41643423.71 | 41643423.75 | 41643423.80 | 0.3681 | 0.3239 |
| Mercury | 109309-04-05 22:03 | G | 41645447.32 | 41645447.42 | 41645447.51 | 0.3678 | 0.1480 |
| Mercury | 109310-10-22 21:20 | G | 41646012.35 | 41646012.39 | 41646012.43 | 0.3696 | 0.3525 |
| Mercury | 109314-10-20 13:54 | G | 41647470.98 | 41647471.08 | 41647471.18 | 0.3674 | 0.0240 |
| Mercury | 109316-05-08 05:30 | G | 41648036.59 | 41648036.73 | 41648036.87 | 0.3701 | 0.1660 |
| Mercury | 109320-05-05 05:44 | G | 41649494.65 | 41649494.74 | 41649494.83 | 0.3671 | 0.1921 |
| Mercury | 109325-11-18 21:20 | G | 41651518.37 | 41651518.39 | 41651518.41 | 0.3668 | 0.3570 |
| Mercury | 109360-04-27 03:34 | G | 41664096.58 | 41664096.65 | 41664096.72 | 0.3680 | 0.2647 |
| Mercury | 109365-11-10 19:39 | G | 41666120.22 | 41666120.32 | 41666120.42 | 0.3677 | 0.0904 |
| Mercury | 109367-05-29 23:15 | G | 41666685.34 | 41666685.47 | 41666685.59 | 0.3698 | 0.1946 |
| Mercury | 109371-05-27 11:30 | G | 41668143.88 | 41668143.98 | 41668144.08 | 0.3674 | 0.0807 |
| Mercury | 109372-12-13 07:39 | G | 41668709.75 | 41668709.82 | 41668709.88 | 0.3703 | 0.3334 |
| Mercury | 109376-12-10 03:06 | G | 41670167.56 | 41670167.63 | 41670167.71 | 0.3670 | 0.2481 |
| Mercury | 109416-12-03 01:10 | G | 41684769.47 | 41684769.55 | 41684769.64 | 0.3679 | 0.2057 |
| Mercury | 109422-06-18 17:15 | G | 41686793.11 | 41686793.22 | 41686793.32 | 0.3676 | 0.0350 |
| Mercury | 109424-01-05 01:10 | G | 41687358.39 | 41687358.55 | 41687358.70 | 0.3699 | 0.0354 |
| Mercury | 109428-01-02 09:06 | G | 41688816.78 | 41688816.88 | 41688816.97 | 0.3673 | 0.1378 |
| Mercury | 109433-07-18 00:42 | G | 41690840.48 | 41690840.53 | 41690840.59 | 0.3669 | 0.3029 |
| Mercury | 109467-12-25 06:42 | G | 41703418.74 | 41703418.78 | 41703418.83 | 0.3682 | 0.3231 |
| Mercury | 109473-07-09 22:46 | G | 41705442.36 | 41705442.45 | 41705442.55 | 0.3678 | 0.1473 |
| Mercury | 109479-01-23 14:37 | G | 41707466.01 | 41707466.11 | 41707466.22 | 0.3675 | 0.0275 |

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| Mercury | 109480-08-11 02:51 | G | 41708031.48 | 41708031.62 | 41708031.77 | 0.3701 | 0.1268 |
| Mercury | 109484-08-08 06:27 | G | 41709489.68 | 41709489.77 | 41709489.86 | 0.3672 | 0.1928 |
| Mercury | 109490-02-21 22:03 | G | 41711513.40 | 41711513.42 | 41711513.44 | 0.3669 | 0.3565 |
| Mercury | 109524-08-01 04:18 | G | 41724091.61 | 41724091.68 | 41724091.75 | 0.3681 | 0.2641 |
| Mercury | 109530-02-14 20:22 | G | 41726115.25 | 41726115.35 | 41726115.45 | 0.3678 | 0.0906 |
| Mercury | 109531-09-02 20:37 | G | 41726680.24 | 41726680.36 | 41726680.48 | 0.3697 | 0.2307 |
| Mercury | 109535-08-31 12:13 | G | 41728138.91 | 41728139.01 | 41728139.11 | 0.3674 | 0.0808 |
| Mercury | 109537-03-19 05:01 | G | 41728704.61 | 41728704.71 | 41728704.80 | 0.3702 | 0.2923 |
| Mercury | 109541-03-16 04:03 | G | 41730162.59 | 41730162.67 | 41730162.74 | 0.3671 | 0.2474 |
| Mercury | 109581-03-08 01:54 | G | 41744764.50 | 41744764.58 | 41744764.67 | 0.3680 | 0.2063 |
| Mercury | 109586-09-21 17:58 | G | 41746788.14 | 41746788.25 | 41746788.35 | 0.3677 | 0.0350 |
| Mercury | 109588-04-08 22:32 | G | 41747353.29 | 41747353.44 | 41747353.59 | 0.3698 | 0.0730 |
| Mercury | 109592-04-06 09:49 | G | 41748811.81 | 41748811.91 | 41748812.00 | 0.3673 | 0.1369 |
| Mercury | 109597-10-21 01:25 | G | 41750835.51 | 41750835.56 | 41750835.62 | 0.3670 | 0.3018 |
| Mercury | 109632-03-29 07:25 | G | 41763413.76 | 41763413.81 | 41763413.86 | 0.3683 | 0.3236 |
| Mercury | 109637-10-12 23:30 | G | 41765437.38 | 41765437.48 | 41765437.57 | 0.3679 | 0.1482 |
| Mercury | 109643-04-28 15:20 | G | 41767461.04 | 41767461.14 | 41767461.25 | 0.3676 | 0.0270 |
| Mercury | 109644-11-14 00:27 | G | 41768026.37 | 41768026.52 | 41768026.67 | 0.3699 | 0.0887 |
| Mercury | 109648-11-11 07:10 | G | 41769484.71 | 41769484.80 | 41769484.89 | 0.3672 | 0.1922 |
| Mercury | 109654-05-27 23:01 | G | 41771508.44 | 41771508.46 | 41771508.48 | 0.3669 | 0.3563 |
| Mercury | 109688-11-03 05:01 | G | 41784086.64 | 41784086.71 | 41784086.78 | 0.3682 | 0.2645 |
| Mercury | 109694-05-19 21:06 | G | 41786110.28 | 41786110.38 | 41786110.48 | 0.3678 | 0.0901 |
| Mercury | 109695-12-05 18:13 | G | 41786675.16 | 41786675.26 | 41786675.37 | 0.3696 | 0.2624 |
| Mercury | 109699-12-03 12:56 | G | 41788133.94 | 41788134.04 | 41788134.14 | 0.3675 | 0.0809 |
| Mercury | 109701-06-22 02:22 | G | 41788699.49 | 41788699.60 | 41788699.71 | 0.3701 | 0.2532 |
| Mercury | 109705-06-19 04:46 | G | 41790157.62 | 41790157.70 | 41790157.77 | 0.3672 | 0.2475 |
| Mercury | 109745-06-11 02:37 | G | 41804759.53 | 41804759.61 | 41804759.70 | 0.3681 | 0.2058 |
| Mercury | 109750-12-25 18:42 | G | 41806783.17 | 41806783.28 | 41806783.38 | 0.3677 | 0.0331 |
| Mercury | 109752-07-12 20:08 | G | 41807348.19 | 41807348.34 | 41807348.48 | 0.3697 | 0.1064 |
| Mercury | 109756-07-10 10:32 | G | 41808806.84 | 41808806.94 | 41808807.03 | 0.3674 | 0.1368 |

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| Mercury | 109762-01-24 02:22 G | 41810830.54 | 41810830.60 | 41810830.65 | 0.3671 | 0.3025 |
| Mercury | 109796-07-02 08:08 G | 41823408.79 | 41823408.84 | 41823408.89 | 0.3683 | 0.3230 |
| Mercury | 109802-01-17 00:13 G | 41825432.42 | 41825432.51 | 41825432.61 | 0.3680 | 0.1475 |
| Mercury | 109807-08-02 16:18 G | 41827456.07 | 41827456.18 | 41827456.28 | 0.3677 | 0.0275 |
| Mercury | 109809-02-17 22:03 G | 41828021.26 | 41828021.42 | 41828021.57 | 0.3698 | 0.0538 |
| Mercury | 109813-02-15 07:54 G | 41829479.75 | 41829479.83 | 41829479.92 | 0.3673 | 0.1925 |
| Mercury | 109818-08-31 23:44 G | 41831503.47 | 41831503.49 | 41831503.51 | 0.3670 | 0.3565 |
| Mercury | 109853-02-07 05:44 G | 41844081.67 | 41844081.74 | 41844081.81 | 0.3683 | 0.2647 |
| Mercury | 109858-08-23 21:49 G | 41846105.31 | 41846105.41 | 41846105.51 | 0.3679 | 0.0898 |
| Mercury | 109860-03-10 15:49 G | 41846670.07 | 41846670.16 | 41846670.25 | 0.3695 | 0.2952 |
| Mercury | 109864-03-08 13:39 G | 41848128.97 | 41848129.07 | 41848129.17 | 0.3676 | 0.0798 |
| Mercury | 109865-09-24 23:44 G | 41848694.36 | 41848694.49 | 41848694.61 | 0.3700 | 0.2103 |
| Mercury | 109869-09-22 05:30 G | 41850152.66 | 41850152.73 | 41850152.81 | 0.3672 | 0.2468 |
| Mercury | 109909-09-15 03:20 G | 41864754.56 | 41864754.64 | 41864754.73 | 0.3682 | 0.2061 |
| Mercury | 109915-03-31 19:25 G | 41866778.20 | 41866778.31 | 41866778.41 | 0.3678 | 0.0353 |
| Mercury | 109916-10-16 17:30 G | 41867343.09 | 41867343.23 | 41867343.37 | 0.3696 | 0.1427 |
| Mercury | 109920-10-14 11:15 G | 41868801.87 | 41868801.97 | 41868802.07 | 0.3675 | 0.1357 |
| Mercury | 109926-04-30 03:06 G | 41870825.57 | 41870825.63 | 41870825.68 | 0.3671 | 0.3014 |
| Mercury | 109960-10-06 08:51 G | 41883403.82 | 41883403.87 | 41883403.92 | 0.3684 | 0.3242 |
| Mercury | 109966-04-22 00:56 G | 41885427.45 | 41885427.54 | 41885427.64 | 0.3681 | 0.1481 |
| Mercury | 109971-11-05 17:01 G | 41887451.10 | 41887451.21 | 41887451.31 | 0.3677 | 0.0278 |
| Mercury | 109973-05-23 19:25 G | 41888016.16 | 41888016.31 | 41888016.46 | 0.3697 | 0.0149 |
| Mercury | 109977-05-21 08:51 G | 41889474.78 | 41889474.87 | 41889474.95 | 0.3674 | 0.1916 |
| Mercury | 109982-12-05 00:27 G | 41891498.50 | 41891498.52 | 41891498.55 | 0.3671 | 0.3558 |

111TH MILLENNIUM CE

This is a list of transits visible from Venus in the 111th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 110017-05-13 06:27 | G | 41904076.70 | 41904076.77 | 41904076.84 | 0.3683 | 0.2651 | |
| Mercury | 110022-11-26 22:32 | G | 41906100.34 | 41906100.44 | 41906100.54 | 0.3680 | 0.0906 | |
| Mercury | 110024-06-13 13:25 | G | 41906665.00 | 41906665.06 | 41906665.13 | 0.3693 | 0.3273 | |
| Mercury | 110028-06-11 14:22 | G | 41908124.00 | 41908124.10 | 41908124.20 | 0.3676 | 0.0806 | |
| Mercury | 110029-12-28 21:20 | G | 41908689.25 | 41908689.39 | 41908689.52 | 0.3699 | 0.1739 | |
| Mercury | 110033-12-26 06:13 | G | 41910147.69 | 41910147.76 | 41910147.84 | 0.3673 | 0.2469 | |
| Mercury | 110073-12-18 04:03 | G | 41924749.59 | 41924749.67 | 41924749.76 | 0.3682 | 0.2061 | |
| Mercury | 110079-07-03 20:08 | G | 41926773.24 | 41926773.34 | 41926773.44 | 0.3679 | 0.0332 | |
| Mercury | 110081-01-18 15:20 | G | 41927338.00 | 41927338.14 | 41927338.27 | 0.3695 | 0.1746 | |
| Mercury | 110085-01-16 11:58 | G | 41928796.91 | 41928797.00 | 41928797.10 | 0.3676 | 0.1363 | |
| Mercury | 110086-08-04 23:15 | G | 41929362.41 | 41929362.47 | 41929362.53 | 0.3700 | 0.3350 | |
| Mercury | 110090-08-02 03:49 | G | 41930820.60 | 41930820.66 | 41930820.72 | 0.3672 | 0.3014 | |
| Mercury | 110125-01-09 09:34 | G | 41943398.85 | 41943398.90 | 41943398.95 | 0.3685 | 0.3239 | |
| Mercury | 110130-07-26 01:39 | G | 41945422.48 | 41945422.57 | 41945422.67 | 0.3681 | 0.1482 | |
| Mercury | 110136-02-08 17:44 | G | 41947446.13 | 41947446.24 | 41947446.34 | 0.3678 | 0.0259 | |
| Mercury | 110137-08-26 17:01 | G | 41948011.05 | 41948011.21 | 41948011.36 | 0.3696 | 0.0252 | |
| Mercury | 110141-08-24 09:34 | G | 41949469.81 | 41949469.90 | 41949469.99 | 0.3675 | 0.1914 | |
| Mercury | 110147-03-10 01:10 | G | 41951493.53 | 41951493.55 | 41951493.58 | 0.3671 | 0.3548 | |
| Mercury | 110181-08-16 07:10 | G | 41964071.73 | 41964071.80 | 41964071.87 | 0.3684 | 0.2649 | |
| Mercury | 110187-03-01 23:15 | G | 41966095.37 | 41966095.47 | 41966095.57 | 0.3681 | 0.0917 | |
| Mercury | 110188-09-16 11:01 | G | 41966659.93 | 41966659.96 | 41966659.99 | 0.3692 | 0.3603 | |
| Mercury | 110192-09-14 15:06 | G | 41968119.03 | 41968119.13 | 41968119.24 | 0.3677 | 0.0813 | |
| Mercury | 110194-04-02 18:42 | G | 41968684.14 | 41968684.28 | 41968684.42 | 0.3698 | 0.1349 | |
| Mercury | 110198-03-31 06:56 | G | 41970142.72 | 41970142.79 | 41970142.87 | 0.3674 | 0.2458 | |
| Mercury | 110238-03-24 04:46 | G | 41984744.61 | 41984744.70 | 41984744.78 | 0.3683 | 0.2075 | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 110243-10-07 20:51 G | 41986768.26 | 41986768.37 | 41986768.47 | 0.3680 | 0.0354 |
| Mercury | 110245-04-24 12:42 G | 41987332.91 | 41987333.03 | 41987333.16 | 0.3694 | 0.2102 |
| Mercury | 110249-04-22 12:42 G | 41988791.94 | 41988792.03 | 41988792.13 | 0.3676 | 0.1349 |
| Mercury | 110250-11-08 20:37 G | 41989357.27 | 41989357.36 | 41989357.45 | 0.3699 | 0.2934 |
| Mercury | 110254-11-06 04:32 G | 41990815.63 | 41990815.69 | 41990815.75 | 0.3673 | 0.2998 |
| Mercury | 110289-04-14 10:18 G | 42003393.88 | 42003393.93 | 42003393.97 | 0.3686 | 0.3252 |
| Mercury | 110294-10-29 02:22 G | 42005417.50 | 42005417.60 | 42005417.69 | 0.3682 | 0.1497 |
| Mercury | 110300-05-14 18:27 G | 42007441.16 | 42007441.27 | 42007441.37 | 0.3679 | 0.0247 |
| Mercury | 110301-11-30 14:37 G | 42008005.96 | 42008006.11 | 42008006.26 | 0.3695 | 0.0570 |
| Mercury | 110305-11-28 10:18 G | 42009464.84 | 42009464.93 | 42009465.02 | 0.3675 | 0.1903 |
| Mercury | 110311-06-14 02:08 G | 42011488.56 | 42011488.59 | 42011488.61 | 0.3672 | 0.3543 |
| Mercury | 110345-11-20 07:54 G | 42024066.76 | 42024066.83 | 42024066.90 | 0.3685 | 0.2660 |
| Mercury | 110351-06-05 23:58 G | 42026090.40 | 42026090.50 | 42026090.60 | 0.3681 | 0.0919 |
| Mercury | 110356-12-19 16:03 G | 42028114.06 | 42028114.17 | 42028114.27 | 0.3678 | 0.0800 |
| Mercury | 110358-07-07 16:18 G | 42028679.04 | 42028679.18 | 42028679.33 | 0.3696 | 0.0987 |
| Mercury | 110362-07-05 07:54 G | 42030137.75 | 42030137.83 | 42030137.90 | 0.3674 | 0.2455 |
| Mercury | 110402-06-27 05:30 G | 42044739.64 | 42044739.73 | 42044739.81 | 0.3684 | 0.2076 |
| Mercury | 110408-01-10 21:34 G | 42046763.30 | 42046763.40 | 42046763.50 | 0.3680 | 0.0345 |
| Mercury | 110409-07-28 10:32 G | 42047327.83 | 42047327.94 | 42047328.05 | 0.3693 | 0.2403 |
| Mercury | 110413-07-26 13:25 G | 42048786.97 | 42048787.06 | 42048787.16 | 0.3677 | 0.1353 |
| Mercury | 110415-02-11 18:13 G | 42049352.15 | 42049352.26 | 42049352.37 | 0.3698 | 0.2561 |
| Mercury | 110419-02-09 05:15 G | 42050810.67 | 42050810.72 | 42050810.78 | 0.3674 | 0.3000 |
| Mercury | 110453-07-18 11:01 G | 42063388.91 | 42063388.96 | 42063389.00 | 0.3686 | 0.3251 |
| Mercury | 110459-02-01 03:06 G | 42065412.53 | 42065412.63 | 42065412.73 | 0.3683 | 0.1497 |
| Mercury | 110464-08-16 19:10 G | 42067436.19 | 42067436.30 | 42067436.40 | 0.3679 | 0.0226 |
| Mercury | 110466-03-04 12:13 G | 42068000.86 | 42068001.01 | 42068001.16 | 0.3694 | 0.0901 |
| Mercury | 110470-03-02 11:01 G | 42069459.87 | 42069459.96 | 42069460.05 | 0.3676 | 0.1891 |
| Mercury | 110475-09-16 02:51 G | 42071483.60 | 42071483.62 | 42071483.64 | 0.3673 | 0.3537 |
| Mercury | 110510-02-23 08:37 G | 42084061.79 | 42084061.86 | 42084061.93 | 0.3685 | 0.2676 |
| Mercury | 110515-09-09 00:42 G | 42086085.43 | 42086085.53 | 42086085.63 | 0.3682 | 0.0924 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 110521-03-24 16:32 G | 42088109.09 | 42088109.19 | 42088109.30 | 0.3679 | 0.0785 |
| Mercury | 110522-10-10 13:39 G | 42088673.93 | 42088674.07 | 42088674.22 | 0.3695 | 0.0605 |
| Mercury | 110526-10-08 08:37 G | 42090132.78 | 42090132.86 | 42090132.93 | 0.3675 | 0.2441 |
| Mercury | 110566-09-30 06:13 G | 42104734.67 | 42104734.76 | 42104734.84 | 0.3685 | 0.2091 |
| Mercury | 110572-04-14 22:18 G | 42106758.32 | 42106758.43 | 42106758.53 | 0.3681 | 0.0364 |
| Mercury | 110573-10-31 08:08 G | 42107322.74 | 42107322.84 | 42107322.94 | 0.3692 | 0.2736 |
| Mercury | 110577-10-29 14:08 G | 42108782.00 | 42108782.09 | 42108782.19 | 0.3678 | 0.1333 |
| Mercury | 110579-05-17 15:34 G | 42109347.03 | 42109347.15 | 42109347.27 | 0.3697 | 0.2161 |
| Mercury | 110583-05-15 06:13 G | 42110805.70 | 42110805.76 | 42110805.81 | 0.3674 | 0.2989 |
| Mercury | 110617-10-22 11:30 G | 42123383.94 | 42123383.98 | 42123384.03 | 0.3687 | 0.3273 |
| Mercury | 110623-05-08 03:49 G | 42125407.56 | 42125407.66 | 42125407.75 | 0.3684 | 0.1512 |
| Mercury | 110628-11-20 19:54 G | 42127431.22 | 42127431.33 | 42127431.43 | 0.3680 | 0.0230 |
| Mercury | 110630-06-08 09:49 G | 42127995.77 | 42127995.91 | 42127996.05 | 0.3693 | 0.1254 |
| Mercury | 110634-06-06 11:44 G | 42129454.90 | 42129454.99 | 42129455.08 | 0.3677 | 0.1884 |
| Mercury | 110639-12-21 03:34 G | 42131478.63 | 42131478.65 | 42131478.68 | 0.3673 | 0.3525 |
| Mercury | 110674-05-29 09:06 G | 42144056.81 | 42144056.88 | 42144056.96 | 0.3686 | 0.2686 |
| Mercury | 110679-12-13 01:25 G | 42146080.46 | 42146080.56 | 42146080.66 | 0.3683 | 0.0934 |
| Mercury | 110685-06-27 17:30 G | 42148104.12 | 42148104.23 | 42148104.33 | 0.3679 | 0.0781 |
| Mercury | 110687-01-13 11:30 G | 42148668.83 | 42148668.98 | 42148669.13 | 0.3694 | 0.0266 |
| Mercury | 110691-01-11 09:20 G | 42150127.81 | 42150127.89 | 42150127.97 | 0.3676 | 0.2437 |
| Mercury | 110731-01-04 06:56 G | 42164729.70 | 42164729.79 | 42164729.87 | 0.3685 | 0.2096 |
| Mercury | 110736-07-19 23:01 G | 42166753.36 | 42166753.46 | 42166753.56 | 0.3682 | 0.0362 |
| Mercury | 110738-02-04 05:58 G | 42167317.67 | 42167317.75 | 42167317.83 | 0.3691 | 0.3035 |
| Mercury | 110742-02-02 15:06 G | 42168777.03 | 42168777.13 | 42168777.22 | 0.3678 | 0.1336 |
| Mercury | 110743-08-21 13:10 G | 42169341.92 | 42169342.05 | 42169342.18 | 0.3696 | 0.1794 |
| Mercury | 110747-08-19 06:56 G | 42170800.73 | 42170800.79 | 42170800.85 | 0.3675 | 0.2980 |
| Mercury | 110782-01-25 12:13 G | 42183378.97 | 42183379.01 | 42183379.06 | 0.3688 | 0.3276 |
| Mercury | 110787-08-11 04:32 G | 42185402.59 | 42185402.69 | 42185402.78 | 0.3684 | 0.1516 |
| Mercury | 110793-02-23 20:37 G | 42187426.25 | 42187426.36 | 42187426.46 | 0.3681 | 0.0224 |
| Mercury | 110794-09-11 07:25 G | 42187990.68 | 42187990.81 | 42187990.95 | 0.3692 | 0.1593 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 110798-09-09 12:27 G | 42189449.93 | 42189450.02 | 42189450.11 | 0.3678 | 0.1883 |
| Mercury | 110800-03-27 15:06 G | 42190015.07 | 42190015.13 | 42190015.19 | 0.3697 | 0.3355 |
| Mercury | 110804-03-25 04:18 G | 42191473.65 | 42191473.68 | 42191473.71 | 0.3674 | 0.3508 |
| Mercury | 110838-09-01 09:49 G | 42204051.84 | 42204051.91 | 42204051.98 | 0.3687 | 0.2690 |
| Mercury | 110844-03-17 02:08 G | 42206075.49 | 42206075.59 | 42206075.69 | 0.3683 | 0.0958 |
| Mercury | 110849-09-30 18:13 G | 42208099.15 | 42208099.26 | 42208099.36 | 0.3680 | 0.0767 |
| Mercury | 110851-04-18 09:06 G | 42208663.73 | 42208663.88 | 42208664.03 | 0.3693 | 0.0097 |
| Mercury | 110855-04-16 10:03 G | 42210122.84 | 42210122.92 | 42210123.00 | 0.3676 | 0.2419 |
| Mercury | 110895-04-08 07:25 G | 42224724.73 | 42224724.81 | 42224724.90 | 0.3686 | 0.2116 |
| Mercury | 110900-10-22 23:44 G | 42226748.38 | 42226748.49 | 42226748.59 | 0.3683 | 0.0405 |
| Mercury | 110902-05-10 03:34 G | 42227312.59 | 42227312.65 | 42227312.71 | 0.3690 | 0.3360 |
| Mercury | 110906-05-08 15:34 G | 42228772.06 | 42228772.15 | 42228772.25 | 0.3679 | 0.1319 |
| Mercury | 110907-11-24 10:46 G | 42229336.81 | 42229336.95 | 42229337.09 | 0.3695 | 0.1423 |
| Mercury | 110911-11-22 07:39 G | 42230795.76 | 42230795.82 | 42230795.88 | 0.3676 | 0.2962 |
| Mercury | 110946-04-30 12:56 G | 42243373.99 | 42243374.04 | 42243374.08 | 0.3688 | 0.3292 |
| Mercury | 110951-11-14 05:15 G | 42245397.62 | 42245397.72 | 42245397.81 | 0.3685 | 0.1541 |
| Mercury | 110957-05-29 21:20 G | 42247421.28 | 42247421.39 | 42247421.49 | 0.3682 | 0.0210 |
| Mercury | 110958-12-15 05:15 G | 42247985.59 | 42247985.72 | 42247985.85 | 0.3691 | 0.1895 |
| Mercury | 110962-12-13 13:10 G | 42249444.96 | 42249445.05 | 42249445.14 | 0.3678 | 0.1869 |
| Mercury | 110964-06-30 12:42 G | 42250009.94 | 42250010.03 | 42250010.12 | 0.3696 | 0.2965 |
| Mercury | 110968-06-28 05:01 G | 42251468.69 | 42251468.71 | 42251468.74 | 0.3675 | 0.3504 |

112TH MILLENNIUM CE

This is a list of transits visible from Venus in the 112th millennium CE.

| PLANET | MAX- | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|------|---|-------|-----|-----|--------|-------|---|
|--------|------|---|-------|-----|-----|--------|-------|---|

TRANSIT

TIME

| | | | | | | |
|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 111002-12-06 10:32 G | 42264046.87 | 42264046.94 | 42264047.01 | 0.3687 | 0.2704 |
| Mercury | 111008-06-21 02:51 G | 42266070.51 | 42266070.62 | 42266070.72 | 0.3684 | 0.0969 |
| Mercury | 111014-01-04 18:56 G | 42268094.18 | 42268094.29 | 42268094.39 | 0.3681 | 0.0756 |
| Mercury | 111015-07-23 06:56 G | 42268658.64 | 42268658.79 | 42268658.94 | 0.3692 | 0.0426 |
| Mercury | 111019-07-21 10:46 G | 42270117.87 | 42270117.95 | 42270118.03 | 0.3677 | 0.2412 |
| Mercury | 111059-07-13 08:08 G | 42284719.76 | 42284719.84 | 42284719.93 | 0.3687 | 0.2121 |
| Mercury | 111065-01-26 00:27 G | 42286743.41 | 42286743.52 | 42286743.62 | 0.3683 | 0.0398 |
| Mercury | 111066-08-13 01:25 G | 42287307.54 | 42287307.56 | 42287307.59 | 0.3689 | 0.3635 |
| Mercury | 111070-08-11 16:32 G | 42288767.09 | 42288767.19 | 42288767.28 | 0.3680 | 0.1311 |
| Mercury | 111072-02-27 08:37 G | 42289331.71 | 42289331.86 | 42289332.00 | 0.3694 | 0.1076 |
| Mercury | 111076-02-25 08:22 G | 42290790.79 | 42290790.85 | 42290790.91 | 0.3677 | 0.2951 |
| Mercury | 111110-08-04 13:39 G | 42303369.02 | 42303369.07 | 42303369.11 | 0.3689 | 0.3301 |
| Mercury | 111116-02-18 05:44 G | 42305392.65 | 42305392.74 | 42305392.84 | 0.3686 | 0.1552 |
| Mercury | 111121-09-02 22:03 G | 42307416.31 | 42307416.42 | 42307416.52 | 0.3682 | 0.0198 |
| Mercury | 111123-03-21 03:06 G | 42307980.51 | 42307980.63 | 42307980.75 | 0.3690 | 0.2205 |
| Mercury | 111127-03-19 13:54 G | 42309439.99 | 42309440.08 | 42309440.17 | 0.3679 | 0.1847 |
| Mercury | 111128-10-04 10:03 G | 42310004.81 | 42310004.92 | 42310005.03 | 0.3695 | 0.2558 |
| Mercury | 111132-10-02 05:58 G | 42311463.72 | 42311463.75 | 42311463.78 | 0.3676 | 0.3491 |
| Mercury | 111167-03-11 11:15 G | 42324041.90 | 42324041.97 | 42324042.04 | 0.3688 | 0.2725 |
| Mercury | 111172-09-24 03:20 G | 42326065.54 | 42326065.64 | 42326065.75 | 0.3685 | 0.0985 |
| Mercury | 111178-04-09 19:25 G | 42328089.21 | 42328089.31 | 42328089.42 | 0.3681 | 0.0746 |
| Mercury | 111179-10-26 04:32 G | 42328653.54 | 42328653.69 | 42328653.83 | 0.3691 | 0.0775 |
| Mercury | 111183-10-24 11:30 G | 42330112.90 | 42330112.98 | 42330113.06 | 0.3678 | 0.2392 |
| Mercury | 111223-10-16 08:51 G | 42344714.79 | 42344714.87 | 42344714.96 | 0.3688 | 0.2140 |
| Mercury | 111229-05-01 01:10 G | 42346738.44 | 42346738.55 | 42346738.65 | 0.3684 | 0.0436 |
| Mercury | 111234-11-14 17:01 G | 42348762.12 | 42348762.21 | 42348762.31 | 0.3680 | 0.1292 |
| Mercury | 111236-06-01 06:13 G | 42349326.61 | 42349326.76 | 42349326.90 | 0.3692 | 0.0708 |
| Mercury | 111240-05-30 09:06 G | 42350785.82 | 42350785.88 | 42350785.94 | 0.3677 | 0.2934 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 111274-11-06 14:08 G | 42363364.05 | 42363364.09 | 42363364.14 | 0.3690 | 0.3327 |
| Mercury | 111280-05-22 06:27 G | 42365387.68 | 42365387.77 | 42365387.87 | 0.3686 | 0.1564 |
| Mercury | 111285-12-05 22:46 G | 42367411.34 | 42367411.45 | 42367411.55 | 0.3683 | 0.0227 |
| Mercury | 111287-06-23 00:42 G | 42367975.43 | 42367975.53 | 42367975.64 | 0.3689 | 0.2521 |
| Mercury | 111291-06-21 14:37 G | 42369435.02 | 42369435.11 | 42369435.20 | 0.3680 | 0.1837 |
| Mercury | 111293-01-06 07:54 G | 42369999.71 | 42369999.83 | 42369999.95 | 0.3694 | 0.2211 |
| Mercury | 111297-01-04 06:42 G | 42371458.75 | 42371458.78 | 42371458.81 | 0.3676 | 0.3476 |
| Mercury | 111331-06-14 11:58 G | 42384036.93 | 42384037.00 | 42384037.07 | 0.3689 | 0.2738 |
| Mercury | 111336-12-28 04:03 G | 42386060.57 | 42386060.67 | 42386060.78 | 0.3686 | 0.0996 |
| Mercury | 111342-07-13 20:22 G | 42388084.24 | 42388084.35 | 42388084.45 | 0.3682 | 0.0732 |
| Mercury | 111344-01-29 02:22 G | 42388648.46 | 42388648.60 | 42388648.74 | 0.3690 | 0.1086 |
| Mercury | 111348-01-27 12:13 G | 42390107.94 | 42390108.01 | 42390108.09 | 0.3679 | 0.2387 |
| Mercury | 111388-01-19 09:34 G | 42404709.81 | 42404709.90 | 42404709.98 | 0.3688 | 0.2150 |
| Mercury | 111393-08-04 01:54 G | 42406733.47 | 42406733.58 | 42406733.68 | 0.3685 | 0.0448 |
| Mercury | 111399-02-17 17:58 G | 42408757.15 | 42408757.25 | 42408757.34 | 0.3681 | 0.1282 |
| Mercury | 111400-09-05 03:49 G | 42409321.51 | 42409321.66 | 42409321.81 | 0.3692 | 0.0357 |
| Mercury | 111404-09-03 09:49 G | 42410780.85 | 42410780.91 | 42410780.97 | 0.3678 | 0.2926 |
| Mercury | 111439-02-10 14:51 G | 42423359.08 | 42423359.12 | 42423359.16 | 0.3691 | 0.3336 |
| Mercury | 111444-08-26 07:10 G | 42425382.71 | 42425382.80 | 42425382.90 | 0.3687 | 0.1573 |
| Mercury | 111450-03-11 23:15 G | 42427406.37 | 42427406.47 | 42427406.58 | 0.3684 | 0.0203 |
| Mercury | 111451-09-26 22:32 G | 42427970.35 | 42427970.44 | 42427970.53 | 0.3688 | 0.2836 |
| Mercury | 111455-09-25 15:20 G | 42429430.05 | 42429430.14 | 42429430.23 | 0.3680 | 0.1830 |
| Mercury | 111457-04-12 05:30 G | 42429994.60 | 42429994.73 | 42429994.86 | 0.3693 | 0.1849 |
| Mercury | 111461-04-10 07:25 G | 42431453.78 | 42431453.81 | 42431453.84 | 0.3677 | 0.3454 |
| Mercury | 111495-09-17 12:27 G | 42444031.96 | 42444032.02 | 42444032.09 | 0.3690 | 0.2752 |
| Mercury | 111501-04-03 04:46 G | 42446055.60 | 42446055.70 | 42446055.80 | 0.3686 | 0.1011 |
| Mercury | 111506-10-17 20:51 G | 42448079.27 | 42448079.37 | 42448079.48 | 0.3683 | 0.0712 |
| Mercury | 111508-05-03 23:58 G | 42448643.36 | 42448643.50 | 42448643.64 | 0.3689 | 0.1427 |
| Mercury | 111512-05-02 12:56 G | 42450102.96 | 42450103.04 | 42450103.12 | 0.3679 | 0.2363 |
| Mercury | 111513-11-18 07:10 G | 42450667.74 | 42450667.80 | 42450667.86 | 0.3694 | 0.3338 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 111552-04-24 10:03 G | 42464704.84 | 42464704.92 | 42464705.01 | 0.3689 | 0.2181 |
| Mercury | 111557-11-08 02:22 G | 42466728.50 | 42466728.60 | 42466728.71 | 0.3685 | 0.0446 |
| Mercury | 111563-05-24 18:27 G | 42468752.18 | 42468752.27 | 42468752.37 | 0.3682 | 0.1261 |
| Mercury | 111564-12-09 01:39 G | 42469316.42 | 42469316.57 | 42469316.72 | 0.3690 | 0.0031 |
| Mercury | 111568-12-07 10:32 G | 42470775.88 | 42470775.94 | 42470776.00 | 0.3678 | 0.2905 |
| Mercury | 111603-05-16 15:34 G | 42483354.11 | 42483354.15 | 42483354.19 | 0.3691 | 0.3359 |
| Mercury | 111608-11-29 07:54 G | 42485377.73 | 42485377.83 | 42485377.92 | 0.3688 | 0.1598 |
| Mercury | 111614-06-14 23:58 G | 42487401.40 | 42487401.50 | 42487401.61 | 0.3684 | 0.0176 |
| Mercury | 111615-12-30 20:22 G | 42487965.28 | 42487965.35 | 42487965.43 | 0.3687 | 0.3119 |
| Mercury | 111619-12-29 16:03 G | 42489425.08 | 42489425.17 | 42489425.26 | 0.3681 | 0.1810 |
| Mercury | 111621-07-16 03:20 G | 42489989.50 | 42489989.64 | 42489989.77 | 0.3692 | 0.1500 |
| Mercury | 111625-07-14 08:08 G | 42491448.81 | 42491448.84 | 42491448.87 | 0.3678 | 0.3441 |
| Mercury | 111659-12-21 13:10 G | 42504026.98 | 42504027.05 | 42504027.12 | 0.3690 | 0.2771 |
| Mercury | 111665-07-06 05:30 G | 42506050.63 | 42506050.73 | 42506050.83 | 0.3687 | 0.1022 |
| Mercury | 111671-01-19 21:34 G | 42508074.30 | 42508074.40 | 42508074.51 | 0.3684 | 0.0701 |
| Mercury | 111672-08-05 22:03 G | 42508638.28 | 42508638.42 | 42508638.55 | 0.3688 | 0.1717 |
| Mercury | 111676-08-04 13:39 G | 42510097.99 | 42510098.07 | 42510098.15 | 0.3680 | 0.2356 |
| Mercury | 111678-02-20 05:01 G | 42510662.62 | 42510662.71 | 42510662.79 | 0.3693 | 0.2983 |
| Mercury | 111716-07-28 10:46 G | 42524699.87 | 42524699.95 | 42524700.04 | 0.3690 | 0.2190 |
| Mercury | 111722-02-11 03:06 G | 42526723.53 | 42526723.63 | 42526723.74 | 0.3686 | 0.0459 |
| Mercury | 111727-08-27 19:25 G | 42528747.21 | 42528747.31 | 42528747.40 | 0.3683 | 0.1251 |
| Mercury | 111729-03-13 23:30 G | 42529311.33 | 42529311.48 | 42529311.63 | 0.3689 | 0.0288 |
| Mercury | 111733-03-12 11:15 G | 42530770.91 | 42530770.97 | 42530771.03 | 0.3679 | 0.2886 |
| Mercury | 111767-08-19 16:03 G | 42543349.13 | 42543349.17 | 42543349.21 | 0.3692 | 0.3377 |
| Mercury | 111773-03-04 08:37 G | 42545372.76 | 42545372.86 | 42545372.95 | 0.3689 | 0.1624 |
| Mercury | 111778-09-18 00:42 G | 42547396.43 | 42547396.53 | 42547396.64 | 0.3685 | 0.0144 |
| Mercury | 111780-04-03 18:27 G | 42547960.21 | 42547960.27 | 42547960.32 | 0.3686 | 0.3403 |
| Mercury | 111784-04-02 16:46 G | 42549420.11 | 42549420.20 | 42549420.29 | 0.3682 | 0.1781 |
| Mercury | 111785-10-19 00:56 G | 42549984.40 | 42549984.54 | 42549984.68 | 0.3691 | 0.1127 |
| Mercury | 111789-10-17 08:51 G | 42551443.83 | 42551443.87 | 42551443.90 | 0.3678 | 0.3421 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 111824-03-26 13:54 G | 42564022.01 | 42564022.08 | 42564022.14 | 0.3691 | 0.2801 |
| Mercury | 111829-10-10 06:13 G | 42566045.66 | 42566045.76 | 42566045.86 | 0.3688 | 0.1044 |
| Mercury | 111835-04-25 22:18 G | 42568069.33 | 42568069.43 | 42568069.54 | 0.3684 | 0.0665 |
| Mercury | 111836-11-09 19:39 G | 42568633.20 | 42568633.32 | 42568633.45 | 0.3687 | 0.2035 |
| Mercury | 111840-11-08 14:22 G | 42570093.02 | 42570093.10 | 42570093.18 | 0.3681 | 0.2327 |
| Mercury | 111842-05-27 02:22 G | 42570657.50 | 42570657.60 | 42570657.71 | 0.3692 | 0.2594 |
| Mercury | 111880-10-31 11:30 G | 42584694.90 | 42584694.98 | 42584695.06 | 0.3690 | 0.2217 |
| Mercury | 111886-05-17 03:49 G | 42586718.56 | 42586718.66 | 42586718.76 | 0.3687 | 0.0478 |
| Mercury | 111891-11-30 19:54 G | 42588742.23 | 42588742.33 | 42588742.43 | 0.3683 | 0.1216 |
| Mercury | 111893-06-16 21:06 G | 42589306.24 | 42589306.38 | 42589306.53 | 0.3688 | 0.0637 |
| Mercury | 111897-06-15 11:58 G | 42590765.94 | 42590766.00 | 42590766.06 | 0.3680 | 0.2866 |
| Mercury | 111931-11-23 16:46 G | 42603344.16 | 42603344.20 | 42603344.24 | 0.3693 | 0.3405 |
| Mercury | 111937-06-08 09:06 G | 42605367.79 | 42605367.88 | 42605367.98 | 0.3689 | 0.1639 |
| Mercury | 111942-12-23 01:25 G | 42607391.46 | 42607391.56 | 42607391.67 | 0.3686 | 0.0090 |
| Mercury | 111944-07-08 16:18 G | 42607955.18 | 42607955.18 | 42607955.19 | 0.3685 | 0.3678 |
| Mercury | 111948-07-07 17:30 G | 42609415.14 | 42609415.23 | 42609415.32 | 0.3682 | 0.1770 |
| Mercury | 111950-01-22 22:46 G | 42609979.30 | 42609979.45 | 42609979.59 | 0.3690 | 0.0807 |
| Mercury | 111954-01-21 09:34 G | 42611438.86 | 42611438.90 | 42611438.94 | 0.3679 | 0.3406 |
| Mercury | 111988-06-29 14:22 G | 42624017.04 | 42624017.10 | 42624017.17 | 0.3692 | 0.2818 |
| Mercury | 111994-01-13 06:56 G | 42626040.69 | 42626040.79 | 42626040.89 | 0.3688 | 0.1068 |
| Mercury | 111999-07-29 23:01 G | 42628064.36 | 42628064.46 | 42628064.57 | 0.3685 | 0.0651 |

113TH MILLENNIUM CE

This is a list of transits visible from Venus in the 113th millennium CE.

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| PLANET | MAX- | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|------|---|-------|-----|-----|--------|-------|---|

TRANSIT

TIME

| | | | | | | | |
|---------|--------------------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 112001-02-12 17:44 | G | 42628628.13 | 42628628.24 | 42628628.35 | 0.3686 | 0.2316 |
| Mercury | 112005-02-11 15:06 | G | 42630088.05 | 42630088.13 | 42630088.21 | 0.3682 | 0.2316 |
| Mercury | 112006-08-30 00:13 | G | 42630652.39 | 42630652.51 | 42630652.63 | 0.3691 | 0.2247 |
| Mercury | 112045-02-03 12:13 | G | 42644689.92 | 42644690.01 | 42644690.09 | 0.3691 | 0.2231 |
| Mercury | 112050-08-20 04:32 | G | 42646713.58 | 42646713.69 | 42646713.79 | 0.3688 | 0.0497 |
| Mercury | 112056-03-04 20:37 | G | 42648737.26 | 42648737.36 | 42648737.46 | 0.3684 | 0.1201 |
| Mercury | 112057-09-19 18:56 | G | 42649301.15 | 42649301.29 | 42649301.44 | 0.3687 | 0.0956 |
| Mercury | 112061-09-18 12:42 | G | 42650760.97 | 42650761.03 | 42650761.10 | 0.3681 | 0.2855 |
| Mercury | 112096-02-25 17:30 | G | 42663339.19 | 42663339.23 | 42663339.26 | 0.3694 | 0.3426 |
| Mercury | 112101-09-11 09:49 | G | 42665362.82 | 42665362.91 | 42665363.01 | 0.3690 | 0.1651 |
| Mercury | 112107-03-28 02:08 | G | 42667386.48 | 42667386.59 | 42667386.69 | 0.3687 | 0.0089 |
| Mercury | 112112-10-10 18:13 | G | 42669410.17 | 42669410.26 | 42669410.35 | 0.3683 | 0.1750 |
| Mercury | 112114-04-27 20:37 | G | 42669974.21 | 42669974.36 | 42669974.50 | 0.3689 | 0.0473 |
| Mercury | 112118-04-26 10:18 | G | 42671433.89 | 42671433.93 | 42671433.97 | 0.3680 | 0.3379 |
| Mercury | 112152-10-02 15:06 | G | 42684012.06 | 42684012.13 | 42684012.20 | 0.3693 | 0.2837 |
| Mercury | 112158-04-18 07:25 | G | 42686035.71 | 42686035.81 | 42686035.91 | 0.3689 | 0.1092 |
| Mercury | 112163-11-01 23:44 | G | 42688059.39 | 42688059.49 | 42688059.59 | 0.3686 | 0.0621 |
| Mercury | 112165-05-18 15:34 | G | 42688623.05 | 42688623.15 | 42688623.25 | 0.3685 | 0.2626 |
| Mercury | 112169-05-17 15:49 | G | 42690083.08 | 42690083.16 | 42690083.24 | 0.3682 | 0.2287 |
| Mercury | 112170-12-02 22:03 | G | 42690647.29 | 42690647.42 | 42690647.55 | 0.3690 | 0.1887 |
| Mercury | 112209-05-10 12:42 | G | 42704684.95 | 42704685.03 | 42704685.12 | 0.3692 | 0.2260 |
| Mercury | 112214-11-24 05:01 | G | 42706708.61 | 42706708.71 | 42706708.82 | 0.3688 | 0.0540 |
| Mercury | 112220-06-08 21:20 | G | 42708732.29 | 42708732.39 | 42708732.49 | 0.3685 | 0.1176 |
| Mercury | 112221-12-24 17:01 | G | 42709296.07 | 42709296.21 | 42709296.35 | 0.3686 | 0.1251 |
| Mercury | 112225-12-23 13:25 | G | 42710756.00 | 42710756.06 | 42710756.13 | 0.3681 | 0.2828 |
| Mercury | 112227-07-10 23:44 | G | 42711320.43 | 42711320.49 | 42711320.55 | 0.3691 | 0.3352 |
| Mercury | 112260-05-31 17:58 | G | 42723334.22 | 42723334.25 | 42723334.29 | 0.3694 | 0.3452 |
| Mercury | 112265-12-15 10:32 | G | 42725357.84 | 42725357.94 | 42725358.03 | 0.3691 | 0.1684 |

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| Mercury | 112271-07-01 02:51 G | 42727381.51 | 42727381.62 | 42727381.72 | 0.3687 | 0.0136 |
| Mercury | 112277-01-13 18:56 G | 42729405.20 | 42729405.29 | 42729405.38 | 0.3684 | 0.1726 |
| Mercury | 112278-07-31 18:27 G | 42729969.12 | 42729969.27 | 42729969.42 | 0.3688 | 0.0151 |
| Mercury | 112282-07-30 11:01 G | 42731428.92 | 42731428.96 | 42731429.00 | 0.3680 | 0.3365 |
| Mercury | 112317-01-06 15:49 G | 42744007.09 | 42744007.16 | 42744007.22 | 0.3694 | 0.2864 |
| Mercury | 112322-07-23 08:08 G | 42746030.74 | 42746030.84 | 42746030.94 | 0.3690 | 0.1107 |
| Mercury | 112328-02-06 00:27 G | 42748054.42 | 42748054.52 | 42748054.62 | 0.3687 | 0.0606 |
| Mercury | 112329-08-22 13:39 G | 42748617.98 | 42748618.07 | 42748618.16 | 0.3684 | 0.2890 |
| Mercury | 112333-08-21 16:32 G | 42750078.11 | 42750078.19 | 42750078.27 | 0.3683 | 0.2274 |
| Mercury | 112335-03-08 19:54 G | 42750642.20 | 42750642.33 | 42750642.47 | 0.3689 | 0.1563 |
| Mercury | 112373-08-13 13:25 G | 42764679.98 | 42764680.06 | 42764680.14 | 0.3693 | 0.2277 |
| Mercury | 112379-02-27 05:44 G | 42766703.64 | 42766703.74 | 42766703.85 | 0.3689 | 0.0549 |
| Mercury | 112384-09-11 22:03 G | 42768727.32 | 42768727.42 | 42768727.52 | 0.3686 | 0.1159 |
| Mercury | 112386-03-29 14:51 G | 42769290.99 | 42769291.12 | 42769291.26 | 0.3685 | 0.1546 |
| Mercury | 112390-03-28 14:08 G | 42770751.02 | 42770751.09 | 42770751.16 | 0.3682 | 0.2802 |
| Mercury | 112391-10-13 21:20 G | 42771315.30 | 42771315.39 | 42771315.48 | 0.3690 | 0.2969 |
| Mercury | 112424-09-03 18:42 G | 42783329.24 | 42783329.28 | 42783329.31 | 0.3695 | 0.3472 |
| Mercury | 112430-03-20 11:01 G | 42785352.87 | 42785352.96 | 42785353.06 | 0.3692 | 0.1711 |
| Mercury | 112435-10-04 03:20 G | 42787376.54 | 42787376.64 | 42787376.75 | 0.3688 | 0.0164 |
| Mercury | 112441-04-18 19:39 G | 42789400.23 | 42789400.32 | 42789400.41 | 0.3685 | 0.1697 |
| Mercury | 112442-11-03 16:18 G | 42789964.03 | 42789964.18 | 42789964.32 | 0.3687 | 0.0210 |
| Mercury | 112446-11-02 11:44 G | 42791423.95 | 42791423.99 | 42791424.03 | 0.3681 | 0.3339 |
| Mercury | 112481-04-10 16:18 G | 42804002.12 | 42804002.18 | 42804002.24 | 0.3694 | 0.2894 |
| Mercury | 112486-10-25 08:51 G | 42806025.77 | 42806025.87 | 42806025.97 | 0.3691 | 0.1142 |
| Mercury | 112492-05-10 01:10 G | 42808049.44 | 42808049.55 | 42808049.65 | 0.3687 | 0.0592 |
| Mercury | 112493-11-24 11:30 G | 42808612.91 | 42808612.98 | 42808613.05 | 0.3683 | 0.3187 |
| Mercury | 112497-11-23 17:15 G | 42810073.14 | 42810073.22 | 42810073.30 | 0.3684 | 0.2240 |
| Mercury | 112499-06-10 17:44 G | 42810637.10 | 42810637.24 | 42810637.38 | 0.3688 | 0.1210 |
| Mercury | 112537-11-16 13:54 G | 42824675.00 | 42824675.08 | 42824675.17 | 0.3693 | 0.2319 |
| Mercury | 112543-06-02 06:27 G | 42826698.67 | 42826698.77 | 42826698.87 | 0.3690 | 0.0569 |

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| Mercury | 112548-12-15 22:46 | G | 42828722.35 | 42828722.45 | 42828722.55 | 0.3686 | 0.1134 |
| Mercury | 112550-07-02 12:56 | G | 42829285.91 | 42829286.04 | 42829286.16 | 0.3684 | 0.1851 |
| Mercury | 112554-07-01 14:51 | G | 42830746.05 | 42830746.12 | 42830746.19 | 0.3683 | 0.2783 |
| Mercury | 112556-01-16 19:10 | G | 42831310.20 | 42831310.30 | 42831310.40 | 0.3689 | 0.2634 |
| Mercury | 112588-12-07 19:10 | G | 42843324.27 | 42843324.30 | 42843324.33 | 0.3696 | 0.3505 |
| Mercury | 112594-06-23 11:44 | G | 42845347.90 | 42845347.99 | 42845348.08 | 0.3692 | 0.1733 |
| Mercury | 112600-01-07 04:03 | G | 42847371.57 | 42847371.67 | 42847371.78 | 0.3689 | 0.0088 |
| Mercury | 112605-07-23 20:22 | G | 42849395.26 | 42849395.35 | 42849395.44 | 0.3685 | 0.1680 |
| Mercury | 112607-02-07 14:08 | G | 42849958.95 | 42849959.09 | 42849959.24 | 0.3685 | 0.0489 |
| Mercury | 112611-02-06 12:27 | G | 42851418.98 | 42851419.02 | 42851419.06 | 0.3682 | 0.3321 |
| Mercury | 112645-07-15 17:01 | G | 42863997.14 | 42863997.21 | 42863997.27 | 0.3695 | 0.2919 |
| Mercury | 112651-01-29 09:20 | G | 42866020.79 | 42866020.89 | 42866020.99 | 0.3692 | 0.1164 |
| Mercury | 112656-08-14 01:39 | G | 42868044.47 | 42868044.57 | 42868044.68 | 0.3688 | 0.0575 |
| Mercury | 112658-02-28 09:34 | G | 42868607.85 | 42868607.90 | 42868607.95 | 0.3682 | 0.3446 |
| Mercury | 112662-02-27 17:58 | G | 42870068.17 | 42870068.25 | 42870068.33 | 0.3685 | 0.2225 |
| Mercury | 112663-09-14 15:34 | G | 42870632.01 | 42870632.15 | 42870632.29 | 0.3687 | 0.0886 |
| Mercury | 112702-02-20 14:37 | G | 42884670.03 | 42884670.11 | 42884670.19 | 0.3694 | 0.2334 |
| Mercury | 112707-09-06 07:10 | G | 42886693.69 | 42886693.80 | 42886693.90 | 0.3691 | 0.0590 |
| Mercury | 112713-03-21 23:29 | G | 42888717.38 | 42888717.48 | 42888717.58 | 0.3687 | 0.1114 |
| Mercury | 112714-10-06 10:46 | G | 42889280.83 | 42889280.95 | 42889281.07 | 0.3683 | 0.2142 |
| Mercury | 112718-10-05 15:34 | G | 42890741.08 | 42890741.15 | 42890741.22 | 0.3684 | 0.2765 |
| Mercury | 112720-04-21 17:01 | G | 42891305.09 | 42891305.21 | 42891305.33 | 0.3688 | 0.2288 |
| Mercury | 112753-03-13 19:53 | G | 42903319.30 | 42903319.33 | 42903319.35 | 0.3697 | 0.3535 |
| Mercury | 112758-09-27 12:27 | G | 42905342.92 | 42905343.02 | 42905343.11 | 0.3693 | 0.1758 |
| Mercury | 112764-04-12 04:46 | G | 42907366.59 | 42907366.70 | 42907366.80 | 0.3690 | 0.0072 |
| Mercury | 112769-10-26 21:05 | G | 42909390.28 | 42909390.38 | 42909390.47 | 0.3686 | 0.1657 |
| Mercury | 112771-05-13 11:58 | G | 42909953.86 | 42909954.00 | 42909954.15 | 0.3685 | 0.0811 |
| Mercury | 112775-05-12 13:10 | G | 42911414.00 | 42911414.05 | 42911414.09 | 0.3683 | 0.3290 |
| Mercury | 112809-10-18 17:29 | G | 42923992.17 | 42923992.23 | 42923992.29 | 0.3696 | 0.2948 |
| Mercury | 112815-05-04 10:03 | G | 42926015.82 | 42926015.92 | 42926016.02 | 0.3692 | 0.1191 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 112820-11-17 02:22 G | 42928039.50 | 42928039.60 | 42928039.70 | 0.3689 | 0.0522 |
| Mercury | 112826-06-02 18:41 G | 42930063.19 | 42930063.28 | 42930063.36 | 0.3685 | 0.2198 |
| Mercury | 112827-12-18 13:25 G | 42930626.92 | 42930627.06 | 42930627.21 | 0.3686 | 0.0565 |
| Mercury | 112866-05-25 15:20 G | 42944665.06 | 42944665.14 | 42944665.22 | 0.3695 | 0.2368 |
| Mercury | 112871-12-09 07:39 G | 42946688.72 | 42946688.82 | 42946688.93 | 0.3691 | 0.0629 |
| Mercury | 112877-06-23 23:58 G | 42948712.40 | 42948712.50 | 42948712.60 | 0.3688 | 0.1082 |
| Mercury | 112879-01-08 08:51 G | 42949275.76 | 42949275.87 | 42949275.98 | 0.3682 | 0.2413 |
| Mercury | 112883-01-07 16:17 G | 42950736.11 | 42950736.18 | 42950736.25 | 0.3684 | 0.2736 |
| Mercury | 112884-07-24 14:51 G | 42951300.00 | 42951300.12 | 42951300.25 | 0.3687 | 0.1944 |
| Mercury | 112917-06-16 20:22 G | 42963314.33 | 42963314.35 | 42963314.38 | 0.3698 | 0.3567 |
| Mercury | 112922-12-31 12:56 G | 42965337.95 | 42965338.04 | 42965338.13 | 0.3694 | 0.1788 |
| Mercury | 112928-07-16 05:29 G | 42967361.62 | 42967361.73 | 42967361.83 | 0.3690 | 0.0156 |
| Mercury | 112934-01-29 21:49 G | 42969385.31 | 42969385.41 | 42969385.50 | 0.3687 | 0.1638 |
| Mercury | 112935-08-16 10:17 G | 42969948.78 | 42969948.93 | 42969949.07 | 0.3683 | 0.1088 |
| Mercury | 112939-08-15 13:53 G | 42971409.03 | 42971409.08 | 42971409.12 | 0.3683 | 0.3272 |
| Mercury | 112941-03-01 16:17 G | 42971973.12 | 42971973.18 | 42971973.24 | 0.3688 | 0.3358 |
| Mercury | 112974-01-21 18:13 G | 42983987.20 | 42983987.26 | 42983987.32 | 0.3697 | 0.2975 |
| Mercury | 112979-08-07 10:46 G | 42986010.85 | 42986010.95 | 42986011.05 | 0.3693 | 0.1216 |
| Mercury | 112985-02-20 03:05 G | 42988034.53 | 42988034.63 | 42988034.73 | 0.3690 | 0.0504 |
| Mercury | 112990-09-05 19:25 G | 42990058.22 | 42990058.31 | 42990058.39 | 0.3686 | 0.2178 |
| Mercury | 112992-03-22 11:29 G | 42990621.83 | 42990621.98 | 42990622.13 | 0.3685 | 0.0260 |

114TH MILLENNIUM CE

This is a list of transits visible from Venus in the 114th millennium CE.

| PLANET | MAX- | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|------|---|-------|-----|-----|--------|-------|---|
|--------|------|---|-------|-----|-----|--------|-------|---|

TRANSIT

TIME

| | | | | | | |
|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 113030-08-29 15:49 G | 43004660.08 | 43004660.16 | 43004660.24 | 0.3696 | 0.2394 |
| Mercury | 113036-03-14 08:22 G | 43006683.75 | 43006683.85 | 43006683.95 | 0.3692 | 0.0649 |
| Mercury | 113041-09-28 00:41 G | 43008707.43 | 43008707.53 | 43008707.63 | 0.3689 | 0.1059 |
| Mercury | 113043-04-14 06:56 G | 43009270.69 | 43009270.79 | 43009270.89 | 0.3681 | 0.2681 |
| Mercury | 113047-04-13 17:01 G | 43010731.14 | 43010731.21 | 43010731.28 | 0.3685 | 0.2708 |
| Mercury | 113048-10-28 12:41 G | 43011294.90 | 43011295.03 | 43011295.16 | 0.3686 | 0.1595 |
| Mercury | 113081-09-19 21:05 G | 43023309.35 | 43023309.38 | 43023309.40 | 0.3698 | 0.3593 |
| Mercury | 113087-04-05 13:39 G | 43025332.98 | 43025333.07 | 43025333.16 | 0.3695 | 0.1825 |
| Mercury | 113092-10-19 05:58 G | 43027356.65 | 43027356.75 | 43027356.86 | 0.3691 | 0.0143 |
| Mercury | 113098-05-04 22:17 G | 43029380.34 | 43029380.43 | 43029380.53 | 0.3688 | 0.1599 |
| Mercury | 113099-11-19 08:08 G | 43029943.70 | 43029943.84 | 43029943.97 | 0.3682 | 0.1395 |
| Mercury | 113103-11-19 14:37 G | 43031404.06 | 43031404.11 | 43031404.15 | 0.3684 | 0.3241 |
| Mercury | 113105-06-05 14:08 G | 43031968.01 | 43031968.09 | 43031968.17 | 0.3687 | 0.2992 |
| Mercury | 113138-04-27 18:41 G | 43043982.22 | 43043982.28 | 43043982.34 | 0.3697 | 0.3016 |
| Mercury | 113143-11-11 11:15 G | 43046005.87 | 43046005.97 | 43046006.07 | 0.3694 | 0.1250 |
| Mercury | 113149-05-27 03:49 G | 43048029.55 | 43048029.66 | 43048029.76 | 0.3690 | 0.0495 |
| Mercury | 113154-12-10 19:53 G | 43050053.25 | 43050053.33 | 43050053.42 | 0.3687 | 0.2142 |
| Mercury | 113156-06-26 09:20 G | 43050616.74 | 43050616.89 | 43050617.04 | 0.3684 | 0.0070 |
| Mercury | 113194-12-02 16:32 G | 43064655.11 | 43064655.19 | 43064655.27 | 0.3696 | 0.2434 |
| Mercury | 113200-06-17 09:05 G | 43066678.77 | 43066678.88 | 43066678.98 | 0.3693 | 0.0695 |
| Mercury | 113206-01-01 01:25 G | 43068702.46 | 43068702.56 | 43068702.66 | 0.3689 | 0.1027 |
| Mercury | 113207-07-18 05:01 G | 43069265.63 | 43069265.71 | 43069265.80 | 0.3680 | 0.2955 |
| Mercury | 113211-07-17 17:29 G | 43070726.16 | 43070726.23 | 43070726.31 | 0.3686 | 0.2687 |
| Mercury | 113213-01-31 10:46 G | 43071289.81 | 43071289.95 | 43071290.09 | 0.3685 | 0.1296 |
| Mercury | 113245-12-23 21:34 G | 43083304.38 | 43083304.40 | 43083304.42 | 0.3699 | 0.3631 |
| Mercury | 113251-07-09 14:08 G | 43085328.00 | 43085328.09 | 43085328.18 | 0.3695 | 0.1852 |
| Mercury | 113257-01-22 06:41 G | 43087351.67 | 43087351.78 | 43087351.89 | 0.3692 | 0.0114 |
| Mercury | 113262-08-07 23:01 G | 43089375.37 | 43089375.46 | 43089375.56 | 0.3688 | 0.1575 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 113264-02-22 06:13 G | 43089938.63 | 43089938.76 | 43089938.89 | 0.3681 | 0.1668 |
| Mercury | 113268-02-21 15:20 G | 43091399.09 | 43091399.14 | 43091399.19 | 0.3685 | 0.3221 |
| Mercury | 113269-09-07 12:13 G | 43091962.90 | 43091963.01 | 43091963.11 | 0.3687 | 0.2671 |
| Mercury | 113302-07-31 19:25 G | 43103977.25 | 43103977.31 | 43103977.36 | 0.3698 | 0.3045 |
| Mercury | 113308-02-14 11:58 G | 43106000.90 | 43106001.00 | 43106001.10 | 0.3695 | 0.1276 |
| Mercury | 113313-08-30 04:17 G | 43108024.58 | 43108024.68 | 43108024.79 | 0.3691 | 0.0464 |
| Mercury | 113319-03-15 20:37 G | 43110048.28 | 43110048.36 | 43110048.45 | 0.3688 | 0.2120 |
| Mercury | 113320-09-29 07:25 G | 43110611.66 | 43110611.81 | 43110611.95 | 0.3683 | 0.0365 |
| Mercury | 113359-03-07 17:01 G | 43124650.14 | 43124650.21 | 43124650.29 | 0.3697 | 0.2459 |
| Mercury | 113364-09-20 09:34 G | 43126673.80 | 43126673.90 | 43126674.01 | 0.3694 | 0.0713 |
| Mercury | 113370-04-06 02:08 G | 43128697.48 | 43128697.59 | 43128697.69 | 0.3690 | 0.1005 |
| Mercury | 113371-10-21 03:05 G | 43129260.56 | 43129260.63 | 43129260.70 | 0.3679 | 0.3237 |
| Mercury | 113375-10-20 18:13 G | 43130721.19 | 43130721.26 | 43130721.34 | 0.3687 | 0.2661 |
| Mercury | 113377-05-06 08:37 G | 43131284.72 | 43131284.86 | 43131285.00 | 0.3684 | 0.0974 |
| Mercury | 113410-03-29 22:03 G | 43143299.41 | 43143299.42 | 43143299.43 | 0.3700 | 0.3671 |
| Mercury | 113415-10-13 14:51 G | 43145323.03 | 43145323.12 | 43145323.21 | 0.3696 | 0.1880 |
| Mercury | 113421-04-28 07:10 G | 43147346.70 | 43147346.80 | 43147346.91 | 0.3693 | 0.0208 |
| Mercury | 113426-11-11 23:44 G | 43149370.39 | 43149370.49 | 43149370.58 | 0.3689 | 0.1544 |
| Mercury | 113428-05-28 04:17 G | 43149933.55 | 43149933.68 | 43149933.80 | 0.3680 | 0.1963 |
| Mercury | 113432-05-27 15:49 G | 43151394.11 | 43151394.16 | 43151394.21 | 0.3686 | 0.3189 |
| Mercury | 113433-12-12 10:03 G | 43151957.80 | 43151957.92 | 43151958.03 | 0.3685 | 0.2321 |
| Mercury | 113466-11-03 19:53 G | 43163972.27 | 43163972.33 | 43163972.39 | 0.3699 | 0.3079 |
| Mercury | 113472-05-19 12:27 G | 43165995.92 | 43165996.02 | 43165996.12 | 0.3695 | 0.1314 |
| Mercury | 113477-12-03 05:01 G | 43168019.60 | 43168019.71 | 43168019.81 | 0.3692 | 0.0410 |
| Mercury | 113483-06-18 21:20 G | 43170043.30 | 43170043.39 | 43170043.48 | 0.3688 | 0.2086 |
| Mercury | 113485-01-02 05:29 G | 43170606.58 | 43170606.73 | 43170606.87 | 0.3682 | 0.0655 |
| Mercury | 113523-06-11 17:44 G | 43184645.16 | 43184645.24 | 43184645.31 | 0.3698 | 0.2498 |
| Mercury | 113528-12-25 10:17 G | 43186668.82 | 43186668.93 | 43186669.03 | 0.3694 | 0.0751 |
| Mercury | 113534-07-11 02:37 G | 43188692.51 | 43188692.61 | 43188692.71 | 0.3691 | 0.0966 |
| Mercury | 113536-01-25 01:10 G | 43189255.51 | 43189255.55 | 43189255.60 | 0.3678 | 0.3482 |

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|---------|--------------------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 113540-01-24 18:56 | G | 43190716.22 | 43190716.29 | 43190716.36 | 0.3687 | 0.2627 |
| Mercury | 113541-08-10 06:41 | G | 43191279.64 | 43191279.78 | 43191279.92 | 0.3683 | 0.0667 |
| Mercury | 113580-01-16 15:20 | G | 43205318.05 | 43205318.14 | 43205318.23 | 0.3697 | 0.1917 |
| Mercury | 113585-08-01 07:53 | G | 43207341.73 | 43207341.83 | 43207341.94 | 0.3693 | 0.0188 |
| Mercury | 113591-02-15 00:27 | G | 43209365.42 | 43209365.52 | 43209365.61 | 0.3690 | 0.1523 |
| Mercury | 113592-08-31 02:22 | G | 43209928.49 | 43209928.60 | 43209928.72 | 0.3679 | 0.2209 |
| Mercury | 113596-08-30 16:32 | G | 43211389.14 | 43211389.19 | 43211389.25 | 0.3686 | 0.3167 |
| Mercury | 113598-03-17 07:53 | G | 43211952.71 | 43211952.83 | 43211952.96 | 0.3684 | 0.2009 |
| Mercury | 113631-02-06 20:37 | G | 43223967.30 | 43223967.36 | 43223967.41 | 0.3700 | 0.3114 |
| Mercury | 113636-08-22 13:10 | G | 43225990.95 | 43225991.05 | 43225991.15 | 0.3696 | 0.1340 |
| Mercury | 113642-03-08 05:44 | G | 43228014.63 | 43228014.74 | 43228014.84 | 0.3693 | 0.0400 |
| Mercury | 113647-09-21 22:03 | G | 43230038.33 | 43230038.42 | 43230038.51 | 0.3689 | 0.2062 |
| Mercury | 113649-04-07 03:34 | G | 43230601.51 | 43230601.65 | 43230601.79 | 0.3681 | 0.0932 |
| Mercury | 113654-10-22 09:20 | G | 43232625.83 | 43232625.89 | 43232625.94 | 0.3686 | 0.3344 |
| Mercury | 113687-09-13 18:13 | G | 43244640.19 | 43244640.26 | 43244640.34 | 0.3699 | 0.2526 |
| Mercury | 113693-03-29 10:46 | G | 43246663.85 | 43246663.95 | 43246664.06 | 0.3695 | 0.0781 |
| Mercury | 113698-10-13 03:20 | G | 43248687.54 | 43248687.64 | 43248687.74 | 0.3692 | 0.0939 |
| Mercury | 113704-04-28 19:39 | G | 43250711.24 | 43250711.32 | 43250711.39 | 0.3688 | 0.2593 |
| Mercury | 113705-11-13 04:32 | G | 43251274.55 | 43251274.69 | 43251274.84 | 0.3682 | 0.0359 |
| Mercury | 113744-04-20 16:03 | G | 43265313.08 | 43265313.17 | 43265313.26 | 0.3698 | 0.1961 |
| Mercury | 113749-11-04 08:37 | G | 43267336.75 | 43267336.86 | 43267336.96 | 0.3694 | 0.0219 |
| Mercury | 113755-05-21 00:56 | G | 43269360.44 | 43269360.54 | 43269360.64 | 0.3691 | 0.1479 |
| Mercury | 113756-12-04 00:27 | G | 43269923.42 | 43269923.52 | 43269923.63 | 0.3678 | 0.2492 |
| Mercury | 113760-12-03 17:15 | G | 43271384.17 | 43271384.22 | 43271384.27 | 0.3687 | 0.3126 |
| Mercury | 113762-06-20 05:58 | G | 43271947.61 | 43271947.75 | 43271947.88 | 0.3683 | 0.1669 |
| Mercury | 113795-05-12 21:05 | G | 43283962.32 | 43283962.38 | 43283962.43 | 0.3700 | 0.3159 |
| Mercury | 113800-11-26 13:39 | G | 43285985.97 | 43285986.07 | 43285986.17 | 0.3697 | 0.1384 |
| Mercury | 113806-06-12 06:13 | G | 43288009.66 | 43288009.76 | 43288009.87 | 0.3693 | 0.0348 |
| Mercury | 113811-12-26 22:32 | G | 43290033.36 | 43290033.44 | 43290033.53 | 0.3690 | 0.2029 |
| Mercury | 113813-07-12 01:39 | G | 43290596.43 | 43290596.57 | 43290596.71 | 0.3680 | 0.1226 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 113817-07-11 14:51 G | 43292057.11 | 43292057.12 | 43292057.13 | 0.3686 | 0.3659 |
| Mercury | 113819-01-26 07:10 G | 43292620.72 | 43292620.80 | 43292620.89 | 0.3685 | 0.3026 |
| Mercury | 113851-12-18 18:41 G | 43304635.21 | 43304635.28 | 43304635.36 | 0.3699 | 0.2574 |
| Mercury | 113857-07-03 11:29 G | 43306658.88 | 43306658.98 | 43306659.08 | 0.3696 | 0.0810 |
| Mercury | 113863-01-17 04:03 G | 43308682.56 | 43308682.67 | 43308682.77 | 0.3692 | 0.0914 |
| Mercury | 113868-08-01 20:22 G | 43310706.27 | 43310706.35 | 43310706.42 | 0.3689 | 0.2569 |
| Mercury | 113870-02-16 02:51 G | 43311269.47 | 43311269.62 | 43311269.76 | 0.3681 | 0.0114 |
| Mercury | 113908-07-25 16:32 G | 43325308.10 | 43325308.19 | 43325308.28 | 0.3699 | 0.1989 |
| Mercury | 113914-02-08 09:05 G | 43327331.78 | 43327331.88 | 43327331.99 | 0.3695 | 0.0272 |
| Mercury | 113919-08-25 01:39 G | 43329355.47 | 43329355.57 | 43329355.67 | 0.3691 | 0.1454 |
| Mercury | 113921-03-09 22:46 G | 43329918.35 | 43329918.45 | 43329918.54 | 0.3677 | 0.2738 |
| Mercury | 113925-03-09 17:58 G | 43331379.19 | 43331379.25 | 43331379.30 | 0.3688 | 0.3103 |
| Mercury | 113926-09-24 04:03 G | 43331942.53 | 43331942.67 | 43331942.80 | 0.3682 | 0.1371 |
| Mercury | 113959-08-16 21:34 G | 43343957.35 | 43343957.40 | 43343957.45 | 0.3701 | 0.3187 |
| Mercury | 113965-03-01 14:22 G | 43345981.00 | 43345981.10 | 43345981.20 | 0.3698 | 0.1409 |
| Mercury | 113970-09-15 06:56 G | 43348004.68 | 43348004.79 | 43348004.89 | 0.3694 | 0.0321 |
| Mercury | 113976-03-30 23:15 G | 43350028.38 | 43350028.47 | 43350028.56 | 0.3691 | 0.1999 |
| Mercury | 113977-10-14 23:44 G | 43350591.36 | 43350591.49 | 43350591.62 | 0.3679 | 0.1506 |
| Mercury | 113981-10-14 15:34 G | 43352052.14 | 43352052.15 | 43352052.16 | 0.3687 | 0.3635 |
| Mercury | 113983-05-01 05:15 G | 43352615.62 | 43352615.72 | 43352615.82 | 0.3684 | 0.2707 |

115TH MILLENNIUM CE

This is a list of transits visible from Venus in the 115th millennium CE.

| PLANET | MAX- TRANSIT | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|-----------------|---|-------|-----|-----|--------|-------|---|
|--------|-----------------|---|-------|-----|-----|--------|-------|---|

TIME

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 114016-03-22 19:25 G | 43364630.23 | 43364630.31 | 43364630.38 | 0.3700 | 0.2605 |
| Mercury | 114021-10-06 11:58 G | 43366653.90 | 43366654.00 | 43366654.11 | 0.3697 | 0.0853 |
| Mercury | 114027-04-22 04:32 G | 43368677.59 | 43368677.69 | 43368677.79 | 0.3693 | 0.0863 |
| Mercury | 114032-11-04 20:51 G | 43370701.30 | 43370701.37 | 43370701.45 | 0.3690 | 0.2540 |
| Mercury | 114034-05-22 00:41 G | 43371264.39 | 43371264.53 | 43371264.68 | 0.3680 | 0.0266 |
| Mercury | 114072-10-27 17:15 G | 43385303.13 | 43385303.22 | 43385303.30 | 0.3699 | 0.2027 |
| Mercury | 114078-05-13 09:49 G | 43387326.80 | 43387326.91 | 43387327.01 | 0.3696 | 0.0298 |
| Mercury | 114083-11-27 02:08 G | 43389350.50 | 43389350.59 | 43389350.69 | 0.3692 | 0.1424 |
| Mercury | 114085-06-11 20:51 G | 43389913.29 | 43389913.37 | 43389913.45 | 0.3676 | 0.3008 |
| Mercury | 114089-06-11 18:41 G | 43391374.22 | 43391374.28 | 43391374.33 | 0.3688 | 0.3070 |
| Mercury | 114090-12-27 02:08 G | 43391937.45 | 43391937.59 | 43391937.73 | 0.3681 | 0.1064 |
| Mercury | 114123-11-19 22:03 G | 43403952.37 | 43403952.42 | 43403952.47 | 0.3702 | 0.3236 |
| Mercury | 114129-06-04 14:51 G | 43405976.02 | 43405976.12 | 43405976.22 | 0.3698 | 0.1453 |
| Mercury | 114134-12-19 07:25 G | 43407999.71 | 43407999.81 | 43407999.92 | 0.3695 | 0.0286 |
| Mercury | 114140-07-03 23:58 G | 43410023.41 | 43410023.50 | 43410023.59 | 0.3691 | 0.1962 |
| Mercury | 114142-01-17 21:49 G | 43410586.29 | 43410586.41 | 43410586.54 | 0.3678 | 0.1775 |
| Mercury | 114146-01-17 16:17 G | 43412047.16 | 43412047.18 | 43412047.20 | 0.3687 | 0.3599 |
| Mercury | 114147-08-04 03:20 G | 43412610.53 | 43412610.64 | 43412610.75 | 0.3682 | 0.2376 |
| Mercury | 114180-06-25 19:53 G | 43424625.26 | 43424625.33 | 43424625.41 | 0.3701 | 0.2647 |
| Mercury | 114186-01-09 12:41 G | 43426648.92 | 43426649.03 | 43426649.13 | 0.3697 | 0.0887 |
| Mercury | 114191-07-26 05:15 G | 43428672.61 | 43428672.72 | 43428672.82 | 0.3694 | 0.0839 |
| Mercury | 114197-02-07 21:34 G | 43430696.33 | 43430696.40 | 43430696.48 | 0.3690 | 0.2504 |
| Mercury | 114198-08-24 23:01 G | 43431259.32 | 43431259.46 | 43431259.61 | 0.3679 | 0.0507 |
| Mercury | 114237-01-31 17:44 G | 43445298.15 | 43445298.24 | 43445298.33 | 0.3700 | 0.2061 |
| Mercury | 114242-08-17 10:17 G | 43447321.83 | 43447321.93 | 43447322.04 | 0.3696 | 0.0340 |
| Mercury | 114248-03-02 02:51 G | 43449345.53 | 43449345.62 | 43449345.72 | 0.3693 | 0.1392 |
| Mercury | 114249-09-15 19:10 G | 43449908.24 | 43449908.30 | 43449908.37 | 0.3675 | 0.3241 |
| Mercury | 114253-09-15 19:10 G | 43451369.25 | 43451369.30 | 43451369.36 | 0.3689 | 0.3045 |
| Mercury | 114255-04-02 00:13 G | 43451932.36 | 43451932.51 | 43451932.65 | 0.3680 | 0.0773 |

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|---------|--------------------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 114288-02-22 22:46 | G | 43463947.40 | 43463947.45 | 43463947.50 | 0.3703 | 0.3270 |
| Mercury | 114293-09-07 15:34 | G | 43465971.05 | 43465971.15 | 43465971.24 | 0.3699 | 0.1490 |
| Mercury | 114299-03-24 08:08 | G | 43467994.73 | 43467994.84 | 43467994.95 | 0.3696 | 0.0248 |
| Mercury | 114304-10-08 00:41 | G | 43470018.44 | 43470018.53 | 43470018.62 | 0.3692 | 0.1939 |
| Mercury | 114306-04-23 20:08 | G | 43470581.22 | 43470581.34 | 43470581.46 | 0.3677 | 0.2023 |
| Mercury | 114310-04-23 16:46 | G | 43472042.18 | 43472042.20 | 43472042.23 | 0.3688 | 0.3568 |
| Mercury | 114311-11-08 01:10 | G | 43472605.43 | 43472605.55 | 43472605.67 | 0.3682 | 0.2047 |
| Mercury | 114344-09-29 20:36 | G | 43484620.28 | 43484620.36 | 43484620.43 | 0.3702 | 0.2681 |
| Mercury | 114350-04-15 13:10 | G | 43486643.95 | 43486644.05 | 43486644.16 | 0.3698 | 0.0924 |
| Mercury | 114355-10-30 05:44 | G | 43488667.64 | 43488667.74 | 43488667.85 | 0.3695 | 0.0817 |
| Mercury | 114361-05-14 22:17 | G | 43490691.35 | 43490691.43 | 43490691.50 | 0.3691 | 0.2466 |
| Mercury | 114362-11-28 21:05 | G | 43491254.24 | 43491254.38 | 43491254.52 | 0.3678 | 0.0800 |
| Mercury | 114368-06-14 02:22 | G | 43493278.55 | 43493278.60 | 43493278.66 | 0.3683 | 0.3363 |
| Mercury | 114401-05-06 18:12 | G | 43505293.17 | 43505293.26 | 43505293.35 | 0.3701 | 0.2111 |
| Mercury | 114406-11-20 11:00 | G | 43507316.85 | 43507316.96 | 43507317.06 | 0.3697 | 0.0364 |
| Mercury | 114412-06-05 03:34 | G | 43509340.55 | 43509340.65 | 43509340.74 | 0.3693 | 0.1351 |
| Mercury | 114413-12-19 17:29 | G | 43509903.19 | 43509903.23 | 43509903.27 | 0.3674 | 0.3501 |
| Mercury | 114417-12-19 19:53 | G | 43511364.27 | 43511364.33 | 43511364.39 | 0.3690 | 0.3000 |
| Mercury | 114419-07-05 22:17 | G | 43511927.28 | 43511927.43 | 43511927.57 | 0.3679 | 0.0474 |
| Mercury | 114452-05-27 23:15 | G | 43523942.42 | 43523942.47 | 43523942.51 | 0.3703 | 0.3318 |
| Mercury | 114457-12-11 16:03 | G | 43525966.07 | 43525966.17 | 43525966.27 | 0.3700 | 0.1534 |
| Mercury | 114463-06-27 08:36 | G | 43527989.76 | 43527989.86 | 43527989.97 | 0.3696 | 0.0245 |
| Mercury | 114469-01-10 01:10 | G | 43530013.46 | 43530013.55 | 43530013.64 | 0.3693 | 0.1894 |
| Mercury | 114470-07-26 18:27 | G | 43530576.16 | 43530576.27 | 43530576.38 | 0.3676 | 0.2284 |
| Mercury | 114474-07-26 17:29 | G | 43532037.21 | 43532037.23 | 43532037.26 | 0.3689 | 0.3537 |
| Mercury | 114476-02-09 23:29 | G | 43532600.35 | 43532600.48 | 43532600.60 | 0.3681 | 0.1757 |
| Mercury | 114509-01-02 21:05 | G | 43544615.31 | 43544615.38 | 43544615.45 | 0.3702 | 0.2730 |
| Mercury | 114514-07-19 13:53 | G | 43546638.97 | 43546639.08 | 43546639.18 | 0.3699 | 0.0966 |
| Mercury | 114520-02-02 06:27 | G | 43548662.67 | 43548662.77 | 43548662.87 | 0.3695 | 0.0765 |
| Mercury | 114525-08-17 22:46 | G | 43550686.38 | 43550686.45 | 43550686.53 | 0.3692 | 0.2440 |

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|---------|--------------------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 114527-03-03 19:24 | G | 43551249.17 | 43551249.31 | 43551249.45 | 0.3677 | 0.1058 |
| Mercury | 114532-09-17 00:27 | G | 43553273.45 | 43553273.52 | 43553273.60 | 0.3682 | 0.3060 |
| Mercury | 114565-08-09 18:56 | G | 43565288.20 | 43565288.29 | 43565288.37 | 0.3701 | 0.2151 |
| Mercury | 114571-02-23 11:29 | G | 43567311.88 | 43567311.98 | 43567312.09 | 0.3698 | 0.0405 |
| Mercury | 114576-09-08 04:03 | G | 43569335.58 | 43569335.67 | 43569335.77 | 0.3694 | 0.1324 |
| Mercury | 114582-03-24 20:36 | G | 43571359.30 | 43571359.36 | 43571359.42 | 0.3691 | 0.2976 |
| Mercury | 114583-10-08 20:22 | G | 43571922.21 | 43571922.35 | 43571922.50 | 0.3678 | 0.0188 |
| Mercury | 114616-08-31 23:44 | G | 43583937.45 | 43583937.49 | 43583937.54 | 0.3704 | 0.3354 |
| Mercury | 114622-03-17 16:32 | G | 43585961.10 | 43585961.19 | 43585961.29 | 0.3701 | 0.1573 |
| Mercury | 114627-10-01 09:20 | G | 43587984.78 | 43587984.89 | 43587985.00 | 0.3697 | 0.0176 |
| Mercury | 114633-04-16 01:53 | G | 43590008.49 | 43590008.58 | 43590008.67 | 0.3693 | 0.1860 |
| Mercury | 114634-10-30 16:32 | G | 43590571.09 | 43590571.19 | 43590571.30 | 0.3675 | 0.2547 |
| Mercury | 114638-10-30 18:12 | G | 43592032.23 | 43592032.26 | 43592032.29 | 0.3690 | 0.3507 |
| Mercury | 114640-05-15 21:34 | G | 43592595.26 | 43592595.40 | 43592595.53 | 0.3680 | 0.1454 |
| Mercury | 114673-04-07 21:34 | G | 43604610.33 | 43604610.40 | 43604610.47 | 0.3703 | 0.2773 |
| Mercury | 114678-10-22 14:22 | G | 43606634.00 | 43606634.10 | 43606634.20 | 0.3700 | 0.0993 |
| Mercury | 114684-05-07 06:56 | G | 43608657.69 | 43608657.79 | 43608657.90 | 0.3696 | 0.0724 |
| Mercury | 114689-11-20 23:29 | G | 43610681.40 | 43610681.48 | 43610681.56 | 0.3693 | 0.2401 |
| Mercury | 114691-06-06 17:29 | G | 43611244.10 | 43611244.23 | 43611244.37 | 0.3676 | 0.1335 |
| Mercury | 114696-12-20 22:32 | G | 43613268.35 | 43613268.44 | 43613268.54 | 0.3681 | 0.2727 |
| Mercury | 114729-11-13 19:24 | G | 43625283.22 | 43625283.31 | 43625283.39 | 0.3702 | 0.2187 |
| Mercury | 114735-05-30 12:12 | G | 43627306.90 | 43627307.01 | 43627307.11 | 0.3699 | 0.0448 |
| Mercury | 114740-12-13 04:46 | G | 43629330.60 | 43629330.70 | 43629330.80 | 0.3695 | 0.1274 |
| Mercury | 114746-06-28 21:05 | G | 43631354.32 | 43631354.38 | 43631354.45 | 0.3691 | 0.2940 |
| Mercury | 114748-01-12 18:27 | G | 43631917.13 | 43631917.27 | 43631917.42 | 0.3677 | 0.0152 |
| Mercury | 114780-12-05 00:12 | G | 43643932.47 | 43643932.51 | 43643932.55 | 0.3705 | 0.3410 |
| Mercury | 114786-06-20 17:15 | G | 43645956.12 | 43645956.22 | 43645956.31 | 0.3701 | 0.1618 |
| Mercury | 114792-01-04 09:48 | G | 43647979.81 | 43647979.91 | 43647980.02 | 0.3698 | 0.0146 |
| Mercury | 114797-07-20 02:22 | G | 43650003.51 | 43650003.60 | 43650003.69 | 0.3694 | 0.1825 |
| Mercury | 114799-02-02 14:51 | G | 43650566.03 | 43650566.12 | 43650566.22 | 0.3674 | 0.2782 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 114803-02-02 18:56 G | 43652027.25 | 43652027.29 | 43652027.32 | 0.3690 | 0.3470 |
| Mercury | 114804-08-18 19:39 G | 43652590.18 | 43652590.32 | 43652590.46 | 0.3678 | 0.1157 |
| Mercury | 114837-07-11 22:03 G | 43664605.35 | 43664605.42 | 43664605.49 | 0.3704 | 0.2818 |
| Mercury | 114843-01-25 14:51 G | 43666629.02 | 43666629.12 | 43666629.23 | 0.3700 | 0.1046 |
| Mercury | 114848-08-10 07:39 G | 43668652.71 | 43668652.82 | 43668652.92 | 0.3697 | 0.0690 |
| Mercury | 114854-02-24 00:12 G | 43670676.43 | 43670676.51 | 43670676.59 | 0.3693 | 0.2370 |
| Mercury | 114855-09-09 15:48 G | 43671239.03 | 43671239.16 | 43671239.29 | 0.3675 | 0.1580 |
| Mercury | 114861-03-25 20:51 G | 43673263.26 | 43673263.37 | 43673263.48 | 0.3680 | 0.2437 |
| Mercury | 114894-02-15 19:53 G | 43685278.25 | 43685278.33 | 43685278.42 | 0.3703 | 0.2231 |
| Mercury | 114899-09-01 12:41 G | 43687301.93 | 43687302.03 | 43687302.14 | 0.3699 | 0.0470 |
| Mercury | 114905-03-18 05:15 G | 43689325.62 | 43689325.72 | 43689325.82 | 0.3696 | 0.1253 |
| Mercury | 114910-10-01 21:48 G | 43691349.35 | 43691349.41 | 43691349.47 | 0.3692 | 0.2906 |
| Mercury | 114912-04-16 16:46 G | 43691912.06 | 43691912.20 | 43691912.35 | 0.3676 | 0.0369 |
| Mercury | 114945-03-10 00:56 G | 43703927.50 | 43703927.54 | 43703927.57 | 0.3706 | 0.3450 |
| Mercury | 114950-09-23 17:44 G | 43705951.15 | 43705951.24 | 43705951.34 | 0.3702 | 0.1649 |
| Mercury | 114956-04-08 10:32 G | 43707974.83 | 43707974.94 | 43707975.04 | 0.3699 | 0.0120 |
| Mercury | 114961-10-23 03:05 G | 43709998.54 | 43709998.63 | 43709998.72 | 0.3695 | 0.1794 |
| Mercury | 114963-05-08 13:24 G | 43710560.98 | 43710561.06 | 43710561.14 | 0.3673 | 0.3012 |
| Mercury | 114967-05-08 19:24 G | 43712022.28 | 43712022.31 | 43712022.35 | 0.3691 | 0.3431 |
| Mercury | 114968-11-21 17:44 G | 43712585.10 | 43712585.24 | 43712585.38 | 0.3678 | 0.0859 |

116TH MILLENNIUM CE

This is a list of transits visible from Venus in the 116th millennium CE.

| PLANET | MAX- TRANSIT | C | START | MAX | END | SUNRAD | DEPTH | S |
|--------|-----------------|---|-------|-----|-----|--------|-------|---|
|--------|-----------------|---|-------|-----|-----|--------|-------|---|

TIME

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 115001-10-15 22:46 G | 43724600.38 | 43724600.45 | 43724600.51 | 0.3705 | 0.2857 |
| Mercury | 115007-05-01 15:34 G | 43726624.05 | 43726624.15 | 43726624.25 | 0.3701 | 0.1088 |
| Mercury | 115012-11-14 08:08 G | 43728647.74 | 43728647.84 | 43728647.95 | 0.3698 | 0.0662 |
| Mercury | 115018-05-31 00:41 G | 43730671.45 | 43730671.53 | 43730671.61 | 0.3694 | 0.2326 |
| Mercury | 115019-12-14 14:08 G | 43731233.96 | 43731234.09 | 43731234.21 | 0.3674 | 0.1854 |
| Mercury | 115025-06-29 18:56 G | 43733258.17 | 43733258.29 | 43733258.40 | 0.3679 | 0.2118 |
| Mercury | 115058-05-22 20:22 G | 43745273.27 | 43745273.35 | 43745273.44 | 0.3704 | 0.2283 |
| Mercury | 115063-12-06 13:10 G | 43747296.95 | 43747297.05 | 43747297.16 | 0.3700 | 0.0530 |
| Mercury | 115069-06-21 05:58 G | 43749320.65 | 43749320.75 | 43749320.85 | 0.3697 | 0.1201 |
| Mercury | 115075-01-04 22:32 G | 43751344.37 | 43751344.44 | 43751344.50 | 0.3693 | 0.2866 |
| Mercury | 115076-07-20 15:05 G | 43751906.98 | 43751907.13 | 43751907.27 | 0.3675 | 0.0647 |
| Mercury | 115082-02-03 19:53 G | 43753931.28 | 43753931.33 | 43753931.39 | 0.3680 | 0.3405 |
| Mercury | 115109-06-14 01:24 G | 43763922.52 | 43763922.56 | 43763922.59 | 0.3706 | 0.3502 |
| Mercury | 115114-12-28 18:12 G | 43765946.17 | 43765946.26 | 43765946.36 | 0.3703 | 0.1702 |
| Mercury | 115120-07-13 11:00 G | 43767969.86 | 43767969.96 | 43767970.07 | 0.3699 | 0.0079 |
| Mercury | 115126-01-27 03:34 G | 43769993.56 | 43769993.65 | 43769993.75 | 0.3695 | 0.1756 |
| Mercury | 115127-08-12 11:44 G | 43770555.92 | 43770555.99 | 43770556.05 | 0.3672 | 0.3254 |
| Mercury | 115131-08-12 20:08 G | 43772017.30 | 43772017.34 | 43772017.38 | 0.3692 | 0.3398 |
| Mercury | 115133-02-25 16:03 G | 43772580.03 | 43772580.17 | 43772580.31 | 0.3676 | 0.0593 |
| Mercury | 115166-01-18 23:15 G | 43784595.40 | 43784595.47 | 43784595.53 | 0.3705 | 0.2912 |
| Mercury | 115171-08-04 16:03 G | 43786619.07 | 43786619.17 | 43786619.27 | 0.3702 | 0.1125 |
| Mercury | 115177-02-17 08:51 G | 43788642.76 | 43788642.87 | 43788642.97 | 0.3698 | 0.0615 |
| Mercury | 115182-09-03 01:24 G | 43790666.48 | 43790666.56 | 43790666.64 | 0.3695 | 0.2294 |
| Mercury | 115184-03-18 12:27 G | 43791228.90 | 43791229.02 | 43791229.14 | 0.3673 | 0.2084 |
| Mercury | 115189-10-02 17:00 G | 43793253.09 | 43793253.21 | 43793253.34 | 0.3678 | 0.1841 |
| Mercury | 115222-08-25 21:05 G | 43805268.29 | 43805268.38 | 43805268.46 | 0.3705 | 0.2323 |
| Mercury | 115228-03-10 13:53 G | 43807291.97 | 43807292.08 | 43807292.19 | 0.3701 | 0.0550 |
| Mercury | 115233-09-24 06:27 G | 43809315.67 | 43809315.77 | 43809315.88 | 0.3697 | 0.1179 |
| Mercury | 115239-04-09 23:00 G | 43811339.40 | 43811339.46 | 43811339.53 | 0.3694 | 0.2835 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 115240-10-23 13:24 G | 43811901.92 | 43811902.06 | 43811902.20 | 0.3674 | 0.0902 |
| Mercury | 115246-05-09 18:12 G | 43813926.18 | 43813926.26 | 43813926.33 | 0.3679 | 0.3101 |
| Mercury | 115273-09-16 01:53 G | 43823917.55 | 43823917.58 | 43823917.61 | 0.3707 | 0.3544 |
| Mercury | 115279-04-01 18:56 G | 43825941.19 | 43825941.29 | 43825941.38 | 0.3704 | 0.1746 |
| Mercury | 115284-10-15 11:44 G | 43827964.88 | 43827964.99 | 43827965.09 | 0.3700 | 0.0118 |
| Mercury | 115290-05-01 04:17 G | 43829988.58 | 43829988.68 | 43829988.77 | 0.3696 | 0.1708 |
| Mercury | 115291-11-14 10:03 G | 43830550.88 | 43830550.92 | 43830550.96 | 0.3671 | 0.3499 |
| Mercury | 115295-11-14 20:51 G | 43832012.33 | 43832012.37 | 43832012.41 | 0.3693 | 0.3368 |
| Mercury | 115297-05-30 14:22 G | 43832574.95 | 43832575.10 | 43832575.24 | 0.3676 | 0.0330 |
| Mercury | 115330-04-23 23:44 G | 43844590.42 | 43844590.49 | 43844590.55 | 0.3706 | 0.2959 |
| Mercury | 115335-11-07 16:32 G | 43846614.09 | 43846614.19 | 43846614.30 | 0.3703 | 0.1170 |
| Mercury | 115341-05-23 09:20 G | 43848637.79 | 43848637.89 | 43848638.00 | 0.3699 | 0.0565 |
| Mercury | 115346-12-07 01:53 G | 43850661.50 | 43850661.58 | 43850661.67 | 0.3696 | 0.2256 |
| Mercury | 115348-06-21 10:46 G | 43851223.84 | 43851223.95 | 43851224.06 | 0.3672 | 0.2335 |
| Mercury | 115354-01-05 15:20 G | 43853248.00 | 43853248.14 | 43853248.27 | 0.3677 | 0.1537 |
| Mercury | 115386-11-28 21:34 G | 43865263.32 | 43865263.40 | 43865263.48 | 0.3705 | 0.2371 |
| Mercury | 115392-06-13 14:22 G | 43867287.00 | 43867287.10 | 43867287.21 | 0.3702 | 0.0601 |
| Mercury | 115397-12-28 07:10 G | 43869310.70 | 43869310.80 | 43869310.90 | 0.3698 | 0.1122 |
| Mercury | 115403-07-14 23:44 G | 43871334.42 | 43871334.49 | 43871334.56 | 0.3694 | 0.2791 |
| Mercury | 115405-01-27 11:44 G | 43871896.85 | 43871896.99 | 43871897.12 | 0.3673 | 0.1159 |
| Mercury | 115410-08-13 16:17 G | 43873921.09 | 43873921.18 | 43873921.27 | 0.3678 | 0.2783 |
| Mercury | 115437-12-21 02:22 G | 43883912.57 | 43883912.60 | 43883912.62 | 0.3708 | 0.3605 |
| Mercury | 115443-07-06 19:24 G | 43885936.21 | 43885936.31 | 43885936.40 | 0.3704 | 0.1794 |
| Mercury | 115449-01-19 12:12 G | 43887959.90 | 43887960.01 | 43887960.12 | 0.3701 | 0.0072 |
| Mercury | 115454-08-05 04:46 G | 43889983.61 | 43889983.70 | 43889983.80 | 0.3697 | 0.1675 |
| Mercury | 115460-02-18 21:20 G | 43892007.35 | 43892007.39 | 43892007.44 | 0.3693 | 0.3330 |
| Mercury | 115461-09-03 12:41 G | 43892569.88 | 43892570.03 | 43892570.17 | 0.3674 | 0.0108 |
| Mercury | 115494-07-28 00:12 G | 43904585.45 | 43904585.51 | 43904585.57 | 0.3707 | 0.3004 |
| Mercury | 115500-02-10 17:15 G | 43906609.12 | 43906609.22 | 43906609.32 | 0.3703 | 0.1218 |
| Mercury | 115505-08-27 10:03 G | 43908632.81 | 43908632.92 | 43908633.02 | 0.3700 | 0.0546 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 115511-03-13 02:36 G | 43910656.53 | 43910656.61 | 43910656.69 | 0.3696 | 0.2219 |
| Mercury | 115512-09-25 09:20 G | 43911218.79 | 43911218.89 | 43911218.99 | 0.3671 | 0.2555 |
| Mercury | 115518-04-11 13:24 G | 43913242.93 | 43913243.06 | 43913243.20 | 0.3676 | 0.1264 |
| Mercury | 115551-03-04 22:03 G | 43925258.34 | 43925258.42 | 43925258.50 | 0.3706 | 0.2414 |
| Mercury | 115556-09-17 14:51 G | 43927282.02 | 43927282.12 | 43927282.23 | 0.3702 | 0.0654 |
| Mercury | 115562-04-03 07:39 G | 43929305.72 | 43929305.82 | 43929305.92 | 0.3699 | 0.1089 |
| Mercury | 115567-10-18 00:12 G | 43931329.45 | 43931329.51 | 43931329.58 | 0.3695 | 0.2765 |
| Mercury | 115569-05-02 10:03 G | 43931891.79 | 43931891.92 | 43931892.05 | 0.3672 | 0.1392 |
| Mercury | 115574-11-16 14:22 G | 43933916.00 | 43933916.10 | 43933916.21 | 0.3677 | 0.2481 |
| Mercury | 115602-03-26 02:51 G | 43943907.60 | 43943907.62 | 43943907.64 | 0.3709 | 0.3644 |
| Mercury | 115607-10-09 19:53 G | 43945931.24 | 43945931.33 | 43945931.42 | 0.3705 | 0.1830 |
| Mercury | 115613-04-24 12:41 G | 43947954.93 | 43947955.03 | 43947955.14 | 0.3702 | 0.0108 |
| Mercury | 115618-11-08 05:29 G | 43949978.63 | 43949978.73 | 43949978.82 | 0.3698 | 0.1638 |
| Mercury | 115624-05-23 22:03 G | 43952002.37 | 43952002.42 | 43952002.46 | 0.3694 | 0.3287 |
| Mercury | 115625-12-07 10:46 G | 43952564.81 | 43952564.95 | 43952565.09 | 0.3674 | 0.0233 |
| Mercury | 115658-10-31 00:41 G | 43964580.47 | 43964580.53 | 43964580.59 | 0.3708 | 0.3049 |
| Mercury | 115664-05-15 17:44 G | 43966604.14 | 43966604.24 | 43966604.34 | 0.3704 | 0.1270 |
| Mercury | 115669-11-29 10:32 G | 43968627.83 | 43968627.94 | 43968628.04 | 0.3701 | 0.0486 |
| Mercury | 115675-06-15 03:05 G | 43970651.55 | 43970651.63 | 43970651.72 | 0.3697 | 0.2175 |
| Mercury | 115676-12-28 07:39 G | 43971213.73 | 43971213.82 | 43971213.91 | 0.3670 | 0.2803 |
| Mercury | 115682-07-14 11:44 G | 43973237.85 | 43973237.99 | 43973238.13 | 0.3675 | 0.0971 |
| Mercury | 115715-06-07 22:32 G | 43985253.36 | 43985253.44 | 43985253.52 | 0.3707 | 0.2470 |
| Mercury | 115720-12-21 15:34 G | 43987277.04 | 43987277.15 | 43987277.25 | 0.3703 | 0.0703 |
| Mercury | 115726-07-07 08:22 G | 43989300.74 | 43989300.85 | 43989300.95 | 0.3699 | 0.1048 |
| Mercury | 115732-01-21 00:56 G | 43991324.47 | 43991324.54 | 43991324.61 | 0.3696 | 0.2716 |
| Mercury | 115733-08-05 08:22 G | 43991886.72 | 43991886.85 | 43991886.98 | 0.3671 | 0.1648 |
| Mercury | 115739-02-19 12:41 G | 43993910.92 | 43993911.03 | 43993911.15 | 0.3676 | 0.2207 |
| Mercury | 115766-06-29 03:20 G | 44003902.64 | 44003902.64 | 44003902.64 | 0.3709 | 0.3702 |
| Mercury | 115772-01-12 20:22 G | 44005926.26 | 44005926.35 | 44005926.44 | 0.3706 | 0.1887 |
| Mercury | 115777-07-28 13:24 G | 44007949.95 | 44007950.06 | 44007950.16 | 0.3702 | 0.0204 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 115783-02-11 05:58 G | 44009973.66 | 44009973.75 | 44009973.85 | 0.3699 | 0.1593 |
| Mercury | 115788-08-26 22:32 G | 44011997.40 | 44011997.44 | 44011997.49 | 0.3695 | 0.3254 |
| Mercury | 115790-03-12 09:05 G | 44012559.74 | 44012559.88 | 44012560.03 | 0.3673 | 0.0484 |
| Mercury | 115795-09-26 13:39 G | 44014584.03 | 44014584.07 | 44014584.12 | 0.3677 | 0.3458 |
| Mercury | 115823-02-04 01:10 G | 44024575.49 | 44024575.55 | 44024575.61 | 0.3708 | 0.3106 |
| Mercury | 115828-08-19 18:12 G | 44026599.16 | 44026599.26 | 44026599.36 | 0.3705 | 0.1305 |
| Mercury | 115834-03-05 11:00 G | 44028622.86 | 44028622.96 | 44028623.07 | 0.3701 | 0.0454 |
| Mercury | 115839-09-19 03:48 G | 44030646.57 | 44030646.66 | 44030646.74 | 0.3698 | 0.2142 |
| Mercury | 115841-04-03 05:58 G | 44031208.68 | 44031208.75 | 44031208.83 | 0.3669 | 0.3015 |
| Mercury | 115846-10-18 10:03 G | 44033232.78 | 44033232.92 | 44033233.06 | 0.3674 | 0.0719 |
| Mercury | 115879-09-10 23:00 G | 44045248.38 | 44045248.46 | 44045248.54 | 0.3708 | 0.2514 |
| Mercury | 115885-03-26 16:03 G | 44047272.07 | 44047272.17 | 44047272.28 | 0.3704 | 0.0727 |
| Mercury | 115890-10-10 08:51 G | 44049295.77 | 44049295.87 | 44049295.97 | 0.3700 | 0.1003 |
| Mercury | 115896-04-25 01:24 G | 44051319.49 | 44051319.56 | 44051319.64 | 0.3697 | 0.2682 |
| Mercury | 115897-11-08 06:41 G | 44051881.66 | 44051881.78 | 44051881.90 | 0.3670 | 0.1894 |
| Mercury | 115903-05-26 11:00 G | 44053905.84 | 44053905.96 | 44053906.08 | 0.3675 | 0.1926 |
| Mercury | 115936-04-17 20:51 G | 44065921.28 | 44065921.37 | 44065921.46 | 0.3707 | 0.1932 |
| Mercury | 115941-11-01 13:53 G | 44067944.97 | 44067945.08 | 44067945.19 | 0.3703 | 0.0168 |
| Mercury | 115947-05-18 06:41 G | 44069968.68 | 44069968.78 | 44069968.87 | 0.3699 | 0.1554 |
| Mercury | 115952-11-30 23:15 G | 44071992.42 | 44071992.47 | 44071992.52 | 0.3696 | 0.3217 |
| Mercury | 115954-06-16 07:39 G | 44072554.68 | 44072554.82 | 44072554.96 | 0.3672 | 0.0740 |
| Mercury | 115959-12-31 11:58 G | 44074578.92 | 44074579.00 | 44074579.07 | 0.3676 | 0.3140 |
| Mercury | 115987-05-10 01:39 G | 44084570.52 | 44084570.57 | 44084570.62 | 0.3709 | 0.3163 |
| Mercury | 115992-11-22 18:41 G | 44086594.18 | 44086594.28 | 44086594.38 | 0.3706 | 0.1351 |
| Mercury | 115998-06-08 11:29 G | 44088617.88 | 44088617.98 | 44088618.09 | 0.3702 | 0.0419 |

117TH MILLENNIUM CE

This is a list of transits visible from Venus in the 117th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 116003-12-23 04:17 | G | 44090641.60 | 44090641.68 | 44090641.77 | 0.3698 | 0.2096 | |
| Mercury | 116005-07-07 04:32 | G | 44091203.62 | 44091203.69 | 44091203.75 | 0.3668 | 0.3250 | |
| Mercury | 116011-01-21 08:22 | G | 44093227.71 | 44093227.85 | 44093227.99 | 0.3673 | 0.0444 | |
| Mercury | 116043-12-14 23:29 | G | 44105243.40 | 44105243.48 | 44105243.56 | 0.3709 | 0.2572 | |
| Mercury | 116049-06-29 16:32 | G | 44107267.09 | 44107267.19 | 44107267.30 | 0.3705 | 0.0782 | |
| Mercury | 116055-01-13 09:20 | G | 44109290.79 | 44109290.89 | 44109290.99 | 0.3701 | 0.0952 | |
| Mercury | 116060-07-29 02:08 | G | 44111314.51 | 44111314.59 | 44111314.66 | 0.3697 | 0.2637 | |
| Mercury | 116062-02-11 05:15 | G | 44111876.60 | 44111876.72 | 44111876.83 | 0.3669 | 0.2121 | |
| Mercury | 116067-08-28 09:20 | G | 44113900.76 | 44113900.89 | 44113901.02 | 0.3674 | 0.1645 | |
| Mercury | 116100-07-21 21:20 | G | 44125916.30 | 44125916.39 | 44125916.48 | 0.3707 | 0.1985 | |
| Mercury | 116106-02-04 14:22 | G | 44127939.99 | 44127940.10 | 44127940.21 | 0.3704 | 0.0211 | |
| Mercury | 116111-08-21 07:10 | G | 44129963.70 | 44129963.80 | 44129963.90 | 0.3700 | 0.1510 | |
| Mercury | 116117-03-05 23:44 | G | 44131987.44 | 44131987.49 | 44131987.55 | 0.3696 | 0.3181 | |
| Mercury | 116118-09-19 05:58 | G | 44132549.61 | 44132549.75 | 44132549.89 | 0.3671 | 0.0963 | |
| Mercury | 116124-04-04 10:17 | G | 44134573.84 | 44134573.93 | 44134574.02 | 0.3675 | 0.2862 | |
| Mercury | 116151-08-13 02:08 | G | 44144565.54 | 44144565.59 | 44144565.64 | 0.3710 | 0.3213 | |
| Mercury | 116157-02-25 19:10 | G | 44146589.20 | 44146589.30 | 44146589.40 | 0.3706 | 0.1404 | |
| Mercury | 116162-09-11 12:12 | G | 44148612.90 | 44148613.01 | 44148613.11 | 0.3703 | 0.0362 | |
| Mercury | 116168-03-27 05:00 | G | 44150636.62 | 44150636.71 | 44150636.80 | 0.3699 | 0.2061 | |
| Mercury | 116169-10-10 03:05 | G | 44151198.58 | 44151198.63 | 44151198.67 | 0.3667 | 0.3451 | |
| Mercury | 116175-04-26 06:41 | G | 44153222.64 | 44153222.78 | 44153222.93 | 0.3672 | 0.0217 | |
| Mercury | 116208-03-19 23:58 | G | 44165238.43 | 44165238.50 | 44165238.58 | 0.3709 | 0.2617 | |

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|---------|--------------------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 116213-10-03 17:00 | G | 44167262.11 | 44167262.21 | 44167262.32 | 0.3705 | 0.0830 |
| Mercury | 116219-04-19 10:03 | G | 44169285.81 | 44169285.92 | 44169286.02 | 0.3702 | 0.0922 |
| Mercury | 116224-11-02 02:36 | G | 44171309.54 | 44171309.61 | 44171309.69 | 0.3698 | 0.2608 |
| Mercury | 116226-05-18 03:48 | G | 44171871.55 | 44171871.66 | 44171871.77 | 0.3669 | 0.2334 |
| Mercury | 116231-12-02 07:24 | G | 44173895.68 | 44173895.81 | 44173895.95 | 0.3673 | 0.1362 |
| Mercury | 116264-10-24 21:48 | G | 44185911.33 | 44185911.41 | 44185911.50 | 0.3708 | 0.2033 |
| Mercury | 116270-05-10 14:51 | G | 44187935.01 | 44187935.12 | 44187935.23 | 0.3705 | 0.0265 |
| Mercury | 116275-11-24 07:39 | G | 44189958.73 | 44189958.82 | 44189958.92 | 0.3701 | 0.1478 |
| Mercury | 116281-06-09 00:27 | G | 44191982.46 | 44191982.52 | 44191982.57 | 0.3697 | 0.3133 |
| Mercury | 116282-12-23 04:17 | G | 44192544.55 | 44192544.68 | 44192544.81 | 0.3670 | 0.1221 |
| Mercury | 116288-07-08 08:22 | G | 44194568.75 | 44194568.85 | 44194568.95 | 0.3674 | 0.2559 |
| Mercury | 116315-11-17 02:36 | G | 44204560.56 | 44204560.61 | 44204560.66 | 0.3711 | 0.3262 |
| Mercury | 116321-06-01 19:39 | G | 44206584.22 | 44206584.32 | 44206584.42 | 0.3707 | 0.1460 |
| Mercury | 116326-12-16 12:41 | G | 44208607.92 | 44208608.03 | 44208608.14 | 0.3704 | 0.0306 |
| Mercury | 116332-07-01 05:29 | G | 44210631.64 | 44210631.73 | 44210631.82 | 0.3700 | 0.2012 |
| Mercury | 116338-01-14 22:03 | G | 44212655.41 | 44212655.42 | 44212655.43 | 0.3696 | 0.3667 |
| Mercury | 116339-07-31 05:00 | G | 44213217.57 | 44213217.71 | 44213217.86 | 0.3671 | 0.0109 |
| Mercury | 116372-06-23 00:27 | G | 44225233.45 | 44225233.52 | 44225233.59 | 0.3710 | 0.2675 |
| Mercury | 116378-01-06 17:29 | G | 44227257.13 | 44227257.23 | 44227257.34 | 0.3706 | 0.0886 |
| Mercury | 116383-07-23 10:32 | G | 44229280.84 | 44229280.94 | 44229281.04 | 0.3703 | 0.0868 |
| Mercury | 116389-02-05 03:20 | G | 44231304.56 | 44231304.64 | 44231304.71 | 0.3699 | 0.2559 |
| Mercury | 116390-08-21 02:08 | G | 44231866.49 | 44231866.59 | 44231866.69 | 0.3667 | 0.2563 |
| Mercury | 116396-03-06 05:58 | G | 44233890.61 | 44233890.75 | 44233890.88 | 0.3672 | 0.1107 |
| Mercury | 116429-01-27 22:17 | G | 44245906.34 | 44245906.43 | 44245906.52 | 0.3709 | 0.2090 |
| Mercury | 116434-08-13 15:20 | G | 44247930.04 | 44247930.14 | 44247930.25 | 0.3705 | 0.0324 |
| Mercury | 116440-02-27 08:22 | G | 44249953.75 | 44249953.85 | 44249953.94 | 0.3701 | 0.1428 |
| Mercury | 116445-09-12 00:56 | G | 44251977.49 | 44251977.54 | 44251977.60 | 0.3698 | 0.3099 |
| Mercury | 116447-03-28 02:51 | G | 44252539.49 | 44252539.62 | 44252539.75 | 0.3669 | 0.1438 |
| Mercury | 116452-10-11 06:56 | G | 44254563.67 | 44254563.79 | 44254563.90 | 0.3674 | 0.2307 |
| Mercury | 116480-02-19 03:05 | G | 44264555.58 | 44264555.63 | 44264555.67 | 0.3711 | 0.3320 |

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|---------|--------------------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 116485-09-03 20:08 | G | 44266579.25 | 44266579.34 | 44266579.44 | 0.3708 | 0.1508 |
| Mercury | 116491-03-20 13:10 | G | 44268602.95 | 44268603.05 | 44268603.16 | 0.3704 | 0.0295 |
| Mercury | 116496-10-03 05:58 | G | 44270626.67 | 44270626.75 | 44270626.84 | 0.3701 | 0.1982 |
| Mercury | 116502-04-19 22:46 | G | 44272650.43 | 44272650.45 | 44272650.46 | 0.3697 | 0.3635 |
| Mercury | 116503-11-03 03:34 | G | 44273212.51 | 44273212.65 | 44273212.79 | 0.3670 | 0.0311 |
| Mercury | 116509-05-19 07:39 | G | 44275236.79 | 44275236.82 | 44275236.86 | 0.3675 | 0.3518 |
| Mercury | 116536-09-26 00:56 | G | 44285228.47 | 44285228.54 | 44285228.61 | 0.3711 | 0.2724 |
| Mercury | 116542-04-11 18:12 | G | 44287252.15 | 44287252.26 | 44287252.36 | 0.3707 | 0.0933 |
| Mercury | 116547-10-26 11:00 | G | 44289275.86 | 44289275.96 | 44289276.07 | 0.3703 | 0.0831 |
| Mercury | 116553-05-11 03:48 | G | 44291299.58 | 44291299.66 | 44291299.74 | 0.3700 | 0.2515 |
| Mercury | 116554-11-24 00:41 | G | 44291861.44 | 44291861.53 | 44291861.62 | 0.3667 | 0.2791 |
| Mercury | 116560-06-09 04:17 | G | 44293885.54 | 44293885.68 | 44293885.82 | 0.3671 | 0.0848 |
| Mercury | 116593-05-02 22:46 | G | 44305901.37 | 44305901.45 | 44305901.54 | 0.3710 | 0.2142 |
| Mercury | 116598-11-16 16:03 | G | 44307925.06 | 44307925.17 | 44307925.27 | 0.3706 | 0.0365 |
| Mercury | 116604-06-02 08:51 | G | 44309948.77 | 44309948.87 | 44309948.97 | 0.3702 | 0.1375 |
| Mercury | 116609-12-17 01:39 | G | 44311972.51 | 44311972.57 | 44311972.62 | 0.3699 | 0.3060 |
| Mercury | 116611-07-02 01:10 | G | 44312534.43 | 44312534.55 | 44312534.68 | 0.3668 | 0.1685 |
| Mercury | 116617-01-15 05:00 | G | 44314558.59 | 44314558.71 | 44314558.83 | 0.3672 | 0.2020 |
| Mercury | 116644-05-25 03:34 | G | 44324550.61 | 44324550.65 | 44324550.69 | 0.3712 | 0.3385 |
| Mercury | 116649-12-08 20:36 | G | 44326574.27 | 44326574.36 | 44326574.46 | 0.3709 | 0.1562 |
| Mercury | 116655-06-24 13:39 | G | 44328597.97 | 44328598.07 | 44328598.18 | 0.3705 | 0.0242 |
| Mercury | 116661-01-07 06:41 | G | 44330621.69 | 44330621.78 | 44330621.87 | 0.3702 | 0.1930 |
| Mercury | 116666-07-23 23:15 | G | 44332645.45 | 44332645.47 | 44332645.49 | 0.3698 | 0.3590 |
| Mercury | 116668-02-06 01:53 | G | 44333207.44 | 44333207.58 | 44333207.72 | 0.3669 | 0.0561 |
| Mercury | 116673-08-22 05:58 | G | 44335231.68 | 44335231.75 | 44335231.82 | 0.3674 | 0.3218 |
| Mercury | 116700-12-31 01:24 | G | 44345223.49 | 44345223.56 | 44345223.63 | 0.3711 | 0.2788 |
| Mercury | 116706-07-16 18:41 | G | 44347247.17 | 44347247.28 | 44347247.38 | 0.3708 | 0.0989 |
| Mercury | 116712-01-30 11:29 | G | 44349270.88 | 44349270.98 | 44349271.09 | 0.3704 | 0.0778 |
| Mercury | 116717-08-15 04:17 | G | 44351294.61 | 44351294.68 | 44351294.76 | 0.3700 | 0.2479 |
| Mercury | 116719-02-27 23:15 | G | 44351856.39 | 44351856.47 | 44351856.55 | 0.3666 | 0.2989 |

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| Mercury | 116724-09-13 02:51 | G | 44353880.47 | 44353880.62 | 44353880.76 | 0.3670 | 0.0609 |
| Mercury | 116757-08-06 23:15 | G | 44365896.39 | 44365896.47 | 44365896.56 | 0.3710 | 0.2196 |
| Mercury | 116763-02-20 16:32 | G | 44367920.08 | 44367920.19 | 44367920.29 | 0.3707 | 0.0416 |
| Mercury | 116768-09-05 09:20 | G | 44369943.79 | 44369943.89 | 44369943.99 | 0.3703 | 0.1335 |
| Mercury | 116774-03-22 02:08 | G | 44371967.53 | 44371967.59 | 44371967.65 | 0.3699 | 0.3019 |
| Mercury | 116775-10-04 23:58 | G | 44372529.38 | 44372529.50 | 44372529.62 | 0.3667 | 0.1894 |
| Mercury | 116781-04-20 03:34 | G | 44374553.52 | 44374553.65 | 44374553.77 | 0.3671 | 0.1765 |
| Mercury | 116808-08-28 04:03 | G | 44384545.63 | 44384545.67 | 44384545.70 | 0.3713 | 0.3441 |
| Mercury | 116814-03-13 21:20 | G | 44386569.29 | 44386569.39 | 44386569.48 | 0.3709 | 0.1613 |
| Mercury | 116819-09-27 14:22 | G | 44388592.99 | 44388593.10 | 44388593.20 | 0.3706 | 0.0220 |
| Mercury | 116825-04-12 07:10 | G | 44390616.71 | 44390616.80 | 44390616.89 | 0.3702 | 0.1891 |
| Mercury | 116830-10-26 23:58 | G | 44392640.47 | 44392640.50 | 44392640.52 | 0.3698 | 0.3557 |
| Mercury | 116832-05-11 00:27 | G | 44393202.38 | 44393202.52 | 44393202.66 | 0.3668 | 0.0779 |
| Mercury | 116837-11-25 04:17 | G | 44395226.60 | 44395226.68 | 44395226.76 | 0.3673 | 0.2936 |
| Mercury | 116865-04-04 01:53 | G | 44405218.51 | 44405218.58 | 44405218.65 | 0.3712 | 0.2834 |
| Mercury | 116870-10-18 19:10 | G | 44407242.19 | 44407242.30 | 44407242.40 | 0.3708 | 0.1023 |
| Mercury | 116876-05-03 12:12 | G | 44409265.90 | 44409266.01 | 44409266.11 | 0.3705 | 0.0744 |
| Mercury | 116881-11-17 05:00 | G | 44411289.63 | 44411289.71 | 44411289.79 | 0.3701 | 0.2440 |
| Mercury | 116883-06-01 21:48 | G | 44411851.35 | 44411851.41 | 44411851.48 | 0.3665 | 0.3192 |
| Mercury | 116888-12-16 01:10 | G | 44413875.40 | 44413875.55 | 44413875.69 | 0.3669 | 0.0347 |
| Mercury | 116921-11-09 23:44 | G | 44425891.41 | 44425891.49 | 44425891.58 | 0.3711 | 0.2244 |
| Mercury | 116927-05-26 17:00 | G | 44427915.10 | 44427915.21 | 44427915.31 | 0.3708 | 0.0474 |
| Mercury | 116932-12-09 09:48 | G | 44429938.81 | 44429938.91 | 44429939.01 | 0.3704 | 0.1300 |
| Mercury | 116938-06-25 02:36 | G | 44431962.55 | 44431962.61 | 44431962.67 | 0.3700 | 0.2972 |
| Mercury | 116940-01-07 22:17 | G | 44432524.32 | 44432524.43 | 44432524.54 | 0.3666 | 0.2125 |
| Mercury | 116945-07-24 01:53 | G | 44434548.45 | 44434548.58 | 44434548.71 | 0.3671 | 0.1492 |
| Mercury | 116972-12-01 04:17 | G | 44444540.65 | 44444540.68 | 44444540.72 | 0.3714 | 0.3495 |
| Mercury | 116978-06-16 21:34 | G | 44446564.31 | 44446564.40 | 44446564.50 | 0.3710 | 0.1668 |
| Mercury | 116983-12-31 14:51 | G | 44448588.01 | 44448588.12 | 44448588.22 | 0.3707 | 0.0163 |
| Mercury | 116989-07-16 07:39 | G | 44450611.73 | 44450611.82 | 44450611.91 | 0.3703 | 0.1843 |

Mercury 116995-01-30 00:27 G 44452635.49 44452635.52 44452635.55 0.3699 0.3509

Mercury 116996-08-13 23:00 G 44453197.32 44453197.46 44453197.59 0.3667 0.1015

118TH MILLENNIUM CE

This is a list of transits visible from Venus in the 118th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 117002-03-01 02:36 | G | 44455221.52 | 44455221.61 | 44455221.71 | 0.3672 | 0.2670 | |
| Mercury | 117029-07-09 02:22 | G | 44465213.53 | 44465213.60 | 44465213.66 | 0.3713 | 0.2900 | |
| Mercury | 117035-01-22 19:39 | G | 44467237.21 | 44467237.32 | 44467237.42 | 0.3709 | 0.1093 | |
| Mercury | 117040-08-07 12:41 | G | 44469260.92 | 44469261.03 | 44469261.13 | 0.3706 | 0.0691 | |
| Mercury | 117046-02-21 05:29 | G | 44471284.65 | 44471284.73 | 44471284.81 | 0.3702 | 0.2389 | |
| Mercury | 117047-09-05 20:22 | G | 44471846.30 | 44471846.35 | 44471846.40 | 0.3664 | 0.3402 | |
| Mercury | 117053-03-21 23:44 | G | 44473870.34 | 44473870.49 | 44473870.63 | 0.3668 | 0.0154 | |
| Mercury | 117086-02-13 00:12 | G | 44485886.43 | 44485886.51 | 44485886.59 | 0.3712 | 0.2303 | |
| Mercury | 117091-08-29 17:29 | G | 44487910.12 | 44487910.23 | 44487910.33 | 0.3708 | 0.0510 | |
| Mercury | 117097-03-14 10:32 | G | 44489933.84 | 44489933.94 | 44489934.04 | 0.3705 | 0.1251 | |
| Mercury | 117102-09-29 03:20 | G | 44491957.57 | 44491957.64 | 44491957.70 | 0.3701 | 0.2937 | |
| Mercury | 117104-04-12 21:05 | G | 44492519.27 | 44492519.38 | 44492519.48 | 0.3665 | 0.2321 | |
| Mercury | 117109-10-28 00:27 | G | 44494543.38 | 44494543.52 | 44494543.65 | 0.3670 | 0.1257 | |
| Mercury | 117137-03-07 04:46 | G | 44504535.67 | 44504535.70 | 44504535.73 | 0.3715 | 0.3554 | |
| Mercury | 117142-09-20 22:03 | G | 44506559.33 | 44506559.42 | 44506559.52 | 0.3711 | 0.1717 | |
| Mercury | 117148-04-05 15:20 | G | 44508583.03 | 44508583.14 | 44508583.25 | 0.3707 | 0.0081 | |
| Mercury | 117153-10-20 08:22 | G | 44510606.75 | 44510606.85 | 44510606.94 | 0.3704 | 0.1808 | |

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| Mercury | 117159-05-06 00:56 | G | 44512630.51 | 44512630.54 | 44512630.58 | 0.3700 | 0.3478 |
| Mercury | 117160-11-17 21:34 | G | 44513192.26 | 44513192.40 | 44513192.53 | 0.3666 | 0.1242 |
| Mercury | 117166-06-04 01:10 | G | 44515216.44 | 44515216.55 | 44515216.65 | 0.3671 | 0.2412 |
| Mercury | 117193-10-12 02:51 | G | 44525208.55 | 44525208.62 | 44525208.68 | 0.3714 | 0.2953 |
| Mercury | 117199-04-27 20:08 | G | 44527232.23 | 44527232.34 | 44527232.44 | 0.3710 | 0.1134 |
| Mercury | 117204-11-10 13:10 | G | 44529255.94 | 44529256.05 | 44529256.16 | 0.3706 | 0.0643 |
| Mercury | 117210-05-27 05:58 | G | 44531279.67 | 44531279.75 | 44531279.83 | 0.3703 | 0.2345 |
| Mercury | 117211-12-09 18:56 | G | 44531841.27 | 44531841.29 | 44531841.31 | 0.3663 | 0.3607 |
| Mercury | 117217-06-24 22:03 | G | 44533865.28 | 44533865.42 | 44533865.56 | 0.3667 | 0.0148 |
| Mercury | 117223-01-09 01:53 | G | 44535889.55 | 44535889.58 | 44535889.61 | 0.3672 | 0.3575 |
| Mercury | 117250-05-19 00:41 | G | 44545881.45 | 44545881.53 | 44545881.61 | 0.3713 | 0.2361 |
| Mercury | 117255-12-02 17:58 | G | 44547905.14 | 44547905.25 | 44547905.36 | 0.3709 | 0.0548 |
| Mercury | 117261-06-17 11:00 | G | 44549928.86 | 44549928.96 | 44549929.06 | 0.3705 | 0.1198 |
| Mercury | 117267-01-01 03:48 | G | 44551952.60 | 44551952.66 | 44551952.73 | 0.3702 | 0.2890 |
| Mercury | 117268-07-15 19:24 | G | 44552514.21 | 44552514.31 | 44552514.41 | 0.3664 | 0.2542 |
| Mercury | 117274-01-29 22:46 | G | 44554538.31 | 44554538.45 | 44554538.58 | 0.3669 | 0.0989 |
| Mercury | 117301-06-10 05:15 | G | 44564530.70 | 44564530.72 | 44564530.74 | 0.3715 | 0.3624 |
| Mercury | 117306-12-24 22:32 | G | 44566554.35 | 44566554.44 | 44566554.54 | 0.3712 | 0.1773 |
| Mercury | 117312-07-09 15:48 | G | 44568578.05 | 44568578.16 | 44568578.27 | 0.3708 | 0.0089 |
| Mercury | 117318-01-23 08:51 | G | 44570601.77 | 44570601.87 | 44570601.96 | 0.3704 | 0.1755 |
| Mercury | 117323-08-09 01:39 | G | 44572625.53 | 44572625.57 | 44572625.60 | 0.3701 | 0.3432 |
| Mercury | 117325-02-20 20:08 | G | 44573187.21 | 44573187.34 | 44573187.47 | 0.3665 | 0.1458 |
| Mercury | 117330-09-06 23:29 | G | 44575211.37 | 44575211.48 | 44575211.59 | 0.3670 | 0.2144 |
| Mercury | 117358-01-15 03:05 | G | 44585203.57 | 44585203.63 | 44585203.69 | 0.3715 | 0.3019 |
| Mercury | 117363-07-31 20:36 | G | 44587227.25 | 44587227.36 | 44587227.46 | 0.3711 | 0.1193 |
| Mercury | 117369-02-13 13:39 | G | 44589250.96 | 44589251.07 | 44589251.18 | 0.3707 | 0.0589 |
| Mercury | 117374-08-30 06:41 | G | 44591274.69 | 44591274.78 | 44591274.86 | 0.3703 | 0.2309 |
| Mercury | 117381-09-27 20:36 | G | 44593860.22 | 44593860.36 | 44593860.50 | 0.3666 | 0.0361 |
| Mercury | 117387-04-14 00:12 | G | 44595884.46 | 44595884.51 | 44595884.57 | 0.3671 | 0.3319 |
| Mercury | 117414-08-23 01:10 | G | 44605876.47 | 44605876.55 | 44605876.63 | 0.3713 | 0.2417 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 117420-03-07 18:27 G | 44607900.16 | 44607900.27 | 44607900.37 | 0.3710 | 0.0609 |
| Mercury | 117425-09-21 11:29 G | 44609923.88 | 44609923.98 | 44609924.08 | 0.3706 | 0.1152 |
| Mercury | 117431-04-07 04:17 G | 44611947.62 | 44611947.68 | 44611947.75 | 0.3703 | 0.2855 |
| Mercury | 117432-10-19 18:12 G | 44612509.17 | 44612509.26 | 44612509.35 | 0.3663 | 0.2727 |
| Mercury | 117438-05-05 21:20 G | 44614533.25 | 44614533.39 | 44614533.53 | 0.3668 | 0.0761 |
| Mercury | 117465-09-13 05:44 G | 44624525.72 | 44624525.74 | 44624525.75 | 0.3716 | 0.3679 |
| Mercury | 117471-03-29 23:00 G | 44626549.37 | 44626549.46 | 44626549.56 | 0.3712 | 0.1823 |
| Mercury | 117476-10-12 16:17 G | 44628573.07 | 44628573.18 | 44628573.29 | 0.3709 | 0.0034 |
| Mercury | 117482-04-28 09:20 G | 44630596.79 | 44630596.89 | 44630596.98 | 0.3705 | 0.1713 |
| Mercury | 117487-11-12 02:08 G | 44632620.55 | 44632620.59 | 44632620.63 | 0.3701 | 0.3398 |
| Mercury | 117489-05-26 18:41 G | 44633182.16 | 44633182.28 | 44633182.41 | 0.3664 | 0.1660 |
| Mercury | 117494-12-10 21:48 G | 44635206.29 | 44635206.41 | 44635206.54 | 0.3669 | 0.1888 |
| Mercury | 117522-04-21 03:34 G | 44645198.59 | 44645198.65 | 44645198.71 | 0.3715 | 0.3070 |
| Mercury | 117527-11-04 21:05 G | 44647222.27 | 44647222.38 | 44647222.48 | 0.3711 | 0.1240 |
| Mercury | 117533-05-20 14:08 G | 44649245.98 | 44649246.09 | 44649246.20 | 0.3708 | 0.0539 |
| Mercury | 117538-12-04 07:10 G | 44651269.71 | 44651269.80 | 44651269.88 | 0.3704 | 0.2266 |
| Mercury | 117546-01-01 19:10 G | 44653855.16 | 44653855.30 | 44653855.44 | 0.3665 | 0.0601 |
| Mercury | 117551-07-18 22:32 G | 44655879.37 | 44655879.44 | 44655879.52 | 0.3670 | 0.3041 |
| Mercury | 117578-11-26 01:39 G | 44665871.49 | 44665871.57 | 44665871.65 | 0.3714 | 0.2471 |
| Mercury | 117584-06-10 18:56 G | 44667895.18 | 44667895.29 | 44667895.39 | 0.3711 | 0.0675 |
| Mercury | 117589-12-25 11:58 G | 44669918.90 | 44669919.00 | 44669919.10 | 0.3707 | 0.1104 |
| Mercury | 117595-07-11 04:46 G | 44671942.64 | 44671942.70 | 44671942.77 | 0.3703 | 0.2809 |
| Mercury | 117597-01-22 16:46 G | 44672504.12 | 44672504.20 | 44672504.28 | 0.3662 | 0.2939 |
| Mercury | 117602-08-08 19:39 G | 44674528.18 | 44674528.32 | 44674528.46 | 0.3667 | 0.0526 |
| Mercury | 117635-07-02 23:29 G | 44686544.39 | 44686544.48 | 44686544.57 | 0.3713 | 0.1886 |
| Mercury | 117641-01-15 16:46 G | 44688568.09 | 44688568.20 | 44688568.31 | 0.3710 | 0.0100 |
| Mercury | 117646-08-01 09:48 G | 44690591.81 | 44690591.91 | 44690592.01 | 0.3706 | 0.1660 |
| Mercury | 117652-02-15 02:36 G | 44692615.57 | 44692615.61 | 44692615.66 | 0.3702 | 0.3349 |
| Mercury | 117653-08-29 17:15 G | 44693177.10 | 44693177.22 | 44693177.34 | 0.3663 | 0.1881 |
| Mercury | 117659-03-15 20:22 G | 44695201.23 | 44695201.35 | 44695201.48 | 0.3668 | 0.1649 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 117686-07-24 04:03 G | 44705193.61 | 44705193.67 | 44705193.72 | 0.3716 | 0.3137 |
| Mercury | 117692-02-06 21:20 G | 44707217.29 | 44707217.39 | 44707217.49 | 0.3712 | 0.1299 |
| Mercury | 117697-08-22 14:36 G | 44709241.00 | 44709241.11 | 44709241.22 | 0.3709 | 0.0488 |
| Mercury | 117703-03-09 07:39 G | 44711264.73 | 44711264.82 | 44711264.90 | 0.3705 | 0.2217 |
| Mercury | 117710-04-06 17:44 G | 44713850.11 | 44713850.24 | 44713850.38 | 0.3665 | 0.0802 |
| Mercury | 117715-10-21 21:05 G | 44715874.29 | 44715874.38 | 44715874.47 | 0.3669 | 0.2798 |
| Mercury | 117743-03-01 01:53 G | 44725866.51 | 44725866.58 | 44725866.66 | 0.3715 | 0.2537 |
| Mercury | 117748-09-13 19:24 G | 44727890.20 | 44727890.31 | 44727890.41 | 0.3711 | 0.0717 |
| Mercury | 117754-03-30 12:27 G | 44729913.92 | 44729914.02 | 44729914.12 | 0.3708 | 0.1060 |
| Mercury | 117759-10-14 05:29 G | 44731937.66 | 44731937.73 | 44731937.80 | 0.3704 | 0.2769 |
| Mercury | 117761-04-27 15:34 G | 44732499.08 | 44732499.15 | 44732499.22 | 0.3661 | 0.3122 |
| Mercury | 117766-11-11 18:27 G | 44734523.13 | 44734523.27 | 44734523.41 | 0.3666 | 0.0313 |
| Mercury | 117799-10-05 23:58 G | 44746539.41 | 44746539.50 | 44746539.59 | 0.3714 | 0.1939 |
| Mercury | 117805-04-21 17:15 G | 44748563.11 | 44748563.22 | 44748563.33 | 0.3710 | 0.0131 |
| Mercury | 117810-11-05 10:17 G | 44750586.84 | 44750586.93 | 44750587.03 | 0.3707 | 0.1621 |
| Mercury | 117816-05-21 03:19 G | 44752610.59 | 44752610.64 | 44752610.68 | 0.3703 | 0.3311 |
| Mercury | 117817-12-03 15:48 G | 44753172.05 | 44753172.16 | 44753172.28 | 0.3663 | 0.2091 |
| Mercury | 117823-06-19 18:55 G | 44755196.16 | 44755196.29 | 44755196.42 | 0.3667 | 0.1413 |
| Mercury | 117850-10-28 04:31 G | 44765188.63 | 44765188.69 | 44765188.74 | 0.3717 | 0.3193 |
| Mercury | 117856-05-12 21:48 G | 44767212.31 | 44767212.41 | 44767212.51 | 0.3713 | 0.1349 |
| Mercury | 117861-11-26 15:05 G | 44769236.02 | 44769236.13 | 44769236.24 | 0.3709 | 0.0450 |
| Mercury | 117867-06-12 08:07 G | 44771259.75 | 44771259.84 | 44771259.93 | 0.3706 | 0.2168 |
| Mercury | 117874-07-10 16:17 G | 44773845.05 | 44773845.18 | 44773845.32 | 0.3664 | 0.1023 |
| Mercury | 117880-01-24 19:24 G | 44775869.21 | 44775869.31 | 44775869.42 | 0.3668 | 0.2527 |
| Mercury | 117907-06-05 02:22 G | 44785861.52 | 44785861.60 | 44785861.68 | 0.3716 | 0.2599 |
| Mercury | 117912-12-18 19:53 G | 44787885.22 | 44787885.33 | 44787885.43 | 0.3712 | 0.0771 |
| Mercury | 117918-07-04 12:55 G | 44789908.94 | 44789909.04 | 44789909.14 | 0.3708 | 0.1002 |
| Mercury | 117924-01-18 05:58 G | 44791932.68 | 44791932.75 | 44791932.82 | 0.3705 | 0.2718 |
| Mercury | 117925-08-01 14:07 G | 44792494.04 | 44792494.09 | 44792494.15 | 0.3660 | 0.3325 |
| Mercury | 117931-02-15 16:46 G | 44794518.06 | 44794518.20 | 44794518.35 | 0.3665 | 0.0127 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 117964-01-10 00:12 G | 44806534.42 | 44806534.51 | 44806534.61 | 0.3715 | 0.2007 |
| Mercury | 117969-07-25 17:43 G | 44808558.13 | 44808558.24 | 44808558.35 | 0.3711 | 0.0214 |
| Mercury | 117975-02-08 10:46 G | 44810581.85 | 44810581.95 | 44810582.05 | 0.3707 | 0.1566 |
| Mercury | 117980-08-24 03:48 G | 44812605.61 | 44812605.66 | 44812605.71 | 0.3704 | 0.3266 |
| Mercury | 117982-03-08 14:36 G | 44813167.00 | 44813167.11 | 44813167.22 | 0.3661 | 0.2277 |
| Mercury | 117987-09-22 17:29 G | 44815191.10 | 44815191.23 | 44815191.36 | 0.3666 | 0.1169 |

119TH MILLENNIUM CE

This is a list of transits visible from Venus in the 119th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 118015-01-31 04:46 G | | 44825183.65 | 44825183.70 | 44825183.75 | 0.3717 | 0.3264 | |
| Mercury | 118020-08-15 22:17 G | | 44827207.33 | 44827207.43 | 44827207.53 | 0.3714 | 0.1405 | |
| Mercury | 118026-03-01 15:34 G | | 44829231.04 | 44829231.15 | 44829231.26 | 0.3710 | 0.0389 | |
| Mercury | 118031-09-15 08:36 G | | 44831254.77 | 44831254.86 | 44831254.95 | 0.3706 | 0.2127 | |
| Mercury | 118038-10-13 15:05 G | | 44833840.00 | 44833840.13 | 44833840.26 | 0.3663 | 0.1219 | |
| Mercury | 118044-04-28 17:58 G | | 44835864.15 | 44835864.25 | 44835864.36 | 0.3667 | 0.2291 | |
| Mercury | 118071-09-07 02:51 G | | 44845856.54 | 44845856.62 | 44845856.69 | 0.3717 | 0.2657 | |
| Mercury | 118077-03-22 20:07 G | | 44847880.24 | 44847880.34 | 44847880.45 | 0.3713 | 0.0826 | |
| Mercury | 118082-10-06 13:24 G | | 44849903.96 | 44849904.06 | 44849904.17 | 0.3709 | 0.0961 | |
| Mercury | 118088-04-21 06:27 G | | 44851927.70 | 44851927.77 | 44851927.84 | 0.3706 | 0.2683 | |
| Mercury | 118089-11-03 12:55 G | | 44852489.00 | 44852489.04 | 44852489.08 | 0.3659 | 0.3492 | |
| Mercury | 118095-05-20 15:34 G | | 44854513.01 | 44854513.15 | 44854513.29 | 0.3664 | 0.0147 | |
| Mercury | 118100-12-04 18:41 G | | 44856537.23 | 44856537.28 | 44856537.33 | 0.3669 | 0.3422 | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 118128-04-14 00:41 G | 44866529.44 | 44866529.53 | 44866529.62 | 0.3716 | 0.2056 |
| Mercury | 118133-10-28 18:12 G | 44868553.15 | 44868553.26 | 44868553.37 | 0.3712 | 0.0245 |
| Mercury | 118139-05-14 11:15 G | 44870576.88 | 44870576.97 | 44870577.07 | 0.3708 | 0.1531 |
| Mercury | 118144-11-27 04:17 G | 44872600.63 | 44872600.68 | 44872600.73 | 0.3705 | 0.3231 |
| Mercury | 118146-06-11 13:24 G | 44873161.96 | 44873162.06 | 44873162.16 | 0.3661 | 0.2461 |
| Mercury | 118151-12-26 16:03 G | 44875186.03 | 44875186.17 | 44875186.30 | 0.3665 | 0.0928 |
| Mercury | 118179-05-06 05:15 G | 44885178.67 | 44885178.72 | 44885178.77 | 0.3718 | 0.3321 |
| Mercury | 118184-11-18 22:46 G | 44887202.35 | 44887202.45 | 44887202.55 | 0.3715 | 0.1456 |
| Mercury | 118190-06-04 16:03 G | 44889226.06 | 44889226.17 | 44889226.28 | 0.3711 | 0.0340 |
| Mercury | 118195-12-19 09:05 G | 44891249.79 | 44891249.88 | 44891249.97 | 0.3707 | 0.2087 |
| Mercury | 118203-01-17 13:39 G | 44893834.94 | 44893835.07 | 44893835.20 | 0.3662 | 0.1437 |
| Mercury | 118208-08-02 16:31 G | 44895859.07 | 44895859.19 | 44895859.31 | 0.3666 | 0.2036 |
| Mercury | 118235-12-12 03:19 G | 44905851.56 | 44905851.64 | 44905851.71 | 0.3717 | 0.2713 |
| Mercury | 118241-06-26 20:36 G | 44907875.26 | 44907875.36 | 44907875.47 | 0.3714 | 0.0879 |
| Mercury | 118247-01-10 13:53 G | 44909898.98 | 44909899.08 | 44909899.19 | 0.3710 | 0.0911 |
| Mercury | 118252-07-26 06:55 G | 44911922.72 | 44911922.79 | 44911922.87 | 0.3706 | 0.2632 |
| Mercury | 118259-08-24 14:07 G | 44914507.95 | 44914508.09 | 44914508.23 | 0.3663 | 0.0377 |
| Mercury | 118265-03-09 17:15 G | 44916532.15 | 44916532.22 | 44916532.29 | 0.3668 | 0.3171 |
| Mercury | 118292-07-18 01:10 G | 44926524.46 | 44926524.55 | 44926524.64 | 0.3716 | 0.2118 |
| Mercury | 118298-01-31 18:27 G | 44928548.17 | 44928548.27 | 44928548.38 | 0.3713 | 0.0323 |
| Mercury | 118303-08-18 11:43 G | 44930571.89 | 44930571.99 | 44930572.09 | 0.3709 | 0.1475 |
| Mercury | 118309-03-03 04:46 G | 44932595.65 | 44932595.70 | 44932595.75 | 0.3705 | 0.3180 |
| Mercury | 118310-09-15 11:58 G | 44933156.91 | 44933157.00 | 44933157.10 | 0.3660 | 0.2660 |
| Mercury | 118316-03-31 14:36 G | 44935180.97 | 44935181.11 | 44935181.25 | 0.3664 | 0.0713 |
| Mercury | 118343-08-10 05:29 G | 44945173.69 | 44945173.73 | 44945173.78 | 0.3719 | 0.3391 |
| Mercury | 118349-02-22 23:00 G | 44947197.37 | 44947197.46 | 44947197.56 | 0.3715 | 0.1529 |
| Mercury | 118354-09-08 16:31 G | 44949221.08 | 44949221.19 | 44949221.30 | 0.3712 | 0.0294 |
| Mercury | 118360-03-24 09:34 G | 44951244.81 | 44951244.90 | 44951244.99 | 0.3708 | 0.2039 |
| Mercury | 118367-04-22 12:27 G | 44953829.89 | 44953830.02 | 44953830.14 | 0.3661 | 0.1622 |
| Mercury | 118372-11-05 15:19 G | 44955854.01 | 44955854.14 | 44955854.26 | 0.3666 | 0.1825 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 118400-03-16 03:34 G | 44965846.58 | 44965846.65 | 44965846.72 | 0.3718 | 0.2777 |
| Mercury | 118405-09-29 21:05 G | 44967870.27 | 44967870.38 | 44967870.49 | 0.3714 | 0.0928 |
| Mercury | 118411-04-15 14:22 G | 44969894.00 | 44969894.10 | 44969894.21 | 0.3711 | 0.0866 |
| Mercury | 118416-10-29 07:24 G | 44971917.74 | 44971917.81 | 44971917.89 | 0.3707 | 0.2594 |
| Mercury | 118423-11-27 12:41 G | 44974502.90 | 44974503.03 | 44974503.17 | 0.3662 | 0.0586 |
| Mercury | 118429-06-12 15:48 G | 44976527.08 | 44976527.16 | 44976527.24 | 0.3667 | 0.2935 |
| Mercury | 118456-10-21 01:39 G | 44986519.48 | 44986519.57 | 44986519.65 | 0.3717 | 0.2176 |
| Mercury | 118462-05-06 18:55 G | 44988543.19 | 44988543.29 | 44988543.40 | 0.3714 | 0.0368 |
| Mercury | 118467-11-20 12:12 G | 44990566.91 | 44990567.01 | 44990567.11 | 0.3710 | 0.1437 |
| Mercury | 118473-06-05 05:15 G | 44992590.67 | 44992590.72 | 44992590.78 | 0.3706 | 0.3142 |
| Mercury | 118474-12-18 10:46 G | 44993151.86 | 44993151.95 | 44993152.03 | 0.3659 | 0.2851 |
| Mercury | 118480-07-03 13:10 G | 44995175.92 | 44995176.05 | 44995176.19 | 0.3663 | 0.0512 |
| Mercury | 118507-11-13 05:58 G | 45005168.71 | 45005168.75 | 45005168.79 | 0.3720 | 0.3446 |
| Mercury | 118513-05-28 23:29 G | 45007192.38 | 45007192.48 | 45007192.58 | 0.3716 | 0.1581 |
| Mercury | 118518-12-12 17:00 G | 45009216.10 | 45009216.21 | 45009216.32 | 0.3712 | 0.0247 |
| Mercury | 118524-06-27 10:03 G | 45011239.83 | 45011239.92 | 45011240.01 | 0.3709 | 0.1985 |
| Mercury | 118530-01-11 03:05 G | 45013263.63 | 45013263.63 | 45013263.64 | 0.3705 | 0.3687 |
| Mercury | 118531-07-26 11:00 G | 45013824.84 | 45013824.96 | 45013825.08 | 0.3660 | 0.1830 |
| Mercury | 118537-02-08 13:39 G | 45015848.95 | 45015849.07 | 45015849.20 | 0.3664 | 0.1576 |
| Mercury | 118564-06-19 04:03 G | 45025841.60 | 45025841.67 | 45025841.73 | 0.3719 | 0.2851 |
| Mercury | 118570-01-02 21:34 G | 45027865.29 | 45027865.40 | 45027865.50 | 0.3715 | 0.0988 |
| Mercury | 118575-07-19 14:51 G | 45029889.01 | 45029889.12 | 45029889.22 | 0.3711 | 0.0808 |
| Mercury | 118581-02-01 07:53 G | 45031912.76 | 45031912.83 | 45031912.91 | 0.3708 | 0.2544 |
| Mercury | 118588-03-01 11:29 G | 45034497.84 | 45034497.98 | 45034498.11 | 0.3661 | 0.0787 |
| Mercury | 118593-09-15 14:22 G | 45036522.00 | 45036522.10 | 45036522.19 | 0.3666 | 0.2685 |
| Mercury | 118621-01-25 01:53 G | 45046514.50 | 45046514.58 | 45046514.67 | 0.3718 | 0.2242 |
| Mercury | 118626-08-10 19:24 G | 45048538.20 | 45048538.31 | 45048538.42 | 0.3714 | 0.0403 |
| Mercury | 118632-02-24 12:41 G | 45050561.93 | 45050562.03 | 45050562.13 | 0.3710 | 0.1377 |
| Mercury | 118637-09-09 05:43 G | 45052585.69 | 45052585.74 | 45052585.80 | 0.3707 | 0.3102 |
| Mercury | 118639-03-24 09:34 G | 45053146.82 | 45053146.90 | 45053146.98 | 0.3658 | 0.3022 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 118644-10-07 11:58 G | 45055170.86 | 45055171.00 | 45055171.14 | 0.3662 | 0.0287 |
| Mercury | 118672-02-16 06:12 G | 45065163.73 | 45065163.76 | 45065163.80 | 0.3720 | 0.3525 |
| Mercury | 118677-08-31 23:58 G | 45067187.40 | 45067187.50 | 45067187.60 | 0.3717 | 0.1639 |
| Mercury | 118683-03-17 17:15 G | 45069211.12 | 45069211.22 | 45069211.33 | 0.3713 | 0.0242 |
| Mercury | 118688-09-30 10:31 G | 45071234.85 | 45071234.94 | 45071235.03 | 0.3710 | 0.1944 |
| Mercury | 118694-04-16 03:34 G | 45073258.64 | 45073258.65 | 45073258.67 | 0.3706 | 0.3648 |
| Mercury | 118695-10-29 09:48 G | 45073819.80 | 45073819.91 | 45073820.03 | 0.3659 | 0.2007 |
| Mercury | 118701-05-15 12:27 G | 45075843.89 | 45075844.02 | 45075844.15 | 0.3663 | 0.1363 |
| Mercury | 118728-09-23 04:17 G | 45085836.62 | 45085836.68 | 45085836.75 | 0.3719 | 0.2906 |
| Mercury | 118734-04-08 22:03 G | 45087860.31 | 45087860.42 | 45087860.52 | 0.3716 | 0.1049 |
| Mercury | 118739-10-23 15:19 G | 45089884.03 | 45089884.14 | 45089884.24 | 0.3712 | 0.0764 |
| Mercury | 118745-05-08 08:36 G | 45091907.78 | 45091907.86 | 45091907.93 | 0.3709 | 0.2512 |
| Mercury | 118752-06-05 10:17 G | 45094492.79 | 45094492.93 | 45094493.06 | 0.3660 | 0.0969 |
| Mercury | 118757-12-20 12:55 G | 45096516.93 | 45096517.04 | 45096517.14 | 0.3665 | 0.2444 |
| Mercury | 118785-04-30 02:22 G | 45106509.52 | 45106509.60 | 45106509.69 | 0.3719 | 0.2294 |
| Mercury | 118790-11-13 19:53 G | 45108533.22 | 45108533.33 | 45108533.44 | 0.3715 | 0.0449 |
| Mercury | 118796-05-29 13:10 G | 45110556.95 | 45110557.05 | 45110557.15 | 0.3711 | 0.1332 |
| Mercury | 118801-12-13 06:27 G | 45112580.71 | 45112580.77 | 45112580.82 | 0.3708 | 0.3064 |
| Mercury | 118803-06-27 08:22 G | 45113141.79 | 45113141.85 | 45113141.92 | 0.3657 | 0.3194 |
| Mercury | 118809-01-10 10:31 G | 45115165.80 | 45115165.94 | 45115166.08 | 0.3661 | 0.0063 |
| Mercury | 118814-07-27 13:24 G | 45117190.03 | 45117190.06 | 45117190.09 | 0.3666 | 0.3558 |
| Mercury | 118836-05-21 06:41 G | 45125158.75 | 45125158.78 | 45125158.81 | 0.3721 | 0.3584 |
| Mercury | 118841-12-05 00:27 G | 45127182.42 | 45127182.52 | 45127182.61 | 0.3718 | 0.1692 |
| Mercury | 118847-06-20 17:43 G | 45129206.13 | 45129206.24 | 45129206.35 | 0.3714 | 0.0148 |
| Mercury | 118853-01-03 11:00 G | 45131229.87 | 45131229.96 | 45131230.06 | 0.3710 | 0.1903 |
| Mercury | 118858-07-20 04:03 G | 45133253.65 | 45133253.67 | 45133253.70 | 0.3707 | 0.3601 |
| Mercury | 118860-02-01 08:36 G | 45133814.75 | 45133814.86 | 45133814.97 | 0.3658 | 0.2199 |
| Mercury | 118865-08-17 11:00 G | 45135838.83 | 45135838.96 | 45135839.09 | 0.3663 | 0.1131 |
| Mercury | 118892-12-26 04:46 G | 45145831.63 | 45145831.70 | 45145831.76 | 0.3720 | 0.2966 |
| Mercury | 118898-07-11 22:17 G | 45147855.33 | 45147855.43 | 45147855.53 | 0.3717 | 0.1103 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 118904-01-26 15:48 G | 45149879.05 | 45149879.16 | 45149879.26 | 0.3713 | 0.0716 |
| Mercury | 118909-08-11 08:51 G | 45151902.79 | 45151902.87 | 45151902.95 | 0.3709 | 0.2458 |
| Mercury | 118916-09-08 08:51 G | 45154487.74 | 45154487.87 | 45154488.00 | 0.3659 | 0.1176 |
| Mercury | 118922-03-25 11:29 G | 45156511.87 | 45156511.98 | 45156512.09 | 0.3664 | 0.2217 |
| Mercury | 118949-08-03 02:36 G | 45166504.53 | 45166504.61 | 45166504.70 | 0.3719 | 0.2368 |
| Mercury | 118955-02-16 20:07 G | 45168528.24 | 45168528.34 | 45168528.45 | 0.3716 | 0.0539 |
| Mercury | 118960-09-01 13:39 G | 45170551.97 | 45170552.07 | 45170552.17 | 0.3712 | 0.1281 |
| Mercury | 118966-03-18 06:41 G | 45172575.72 | 45172575.78 | 45172575.85 | 0.3708 | 0.3014 |
| Mercury | 118967-09-30 07:10 G | 45173136.75 | 45173136.80 | 45173136.85 | 0.3656 | 0.3368 |
| Mercury | 118973-04-15 09:19 G | 45175160.75 | 45175160.89 | 45175161.03 | 0.3660 | 0.0129 |
| Mercury | 118978-10-30 11:58 G | 45177184.95 | 45177185.00 | 45177185.06 | 0.3665 | 0.3335 |
| Mercury | 119000-08-25 06:55 G | 45185153.78 | 45185153.79 | 45185153.81 | 0.3722 | 0.3657 |

120TH MILLENNIUM CE

This is a list of transits visible from Venus in the 120th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 119006-03-11 00:41 G | 45187177.44 | 45187177.53 | 45187177.63 | 0.3718 | 0.1757 | | |
| Mercury | 119011-09-24 18:12 G | 45189201.15 | 45189201.26 | 45189201.37 | 0.3715 | 0.0087 | | |
| Mercury | 119017-04-09 11:29 G | 45191224.89 | 45191224.98 | 45191225.08 | 0.3711 | 0.1854 | | |
| Mercury | 119022-10-24 04:31 G | 45193248.67 | 45193248.69 | 45193248.72 | 0.3707 | 0.3568 | | |
| Mercury | 119024-05-07 07:24 G | 45193809.71 | 45193809.81 | 45193809.92 | 0.3657 | 0.2366 | | |
| Mercury | 119029-11-21 09:34 G | 45195833.77 | 45195833.90 | 45195834.04 | 0.3662 | 0.0938 | | |
| Mercury | 119057-04-01 05:00 G | 45205826.65 | 45205826.71 | 45205826.77 | 0.3721 | 0.3036 | | |

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|---------|--------------------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 119062-10-15 22:46 | G | 45207850.34 | 45207850.45 | 45207850.55 | 0.3717 | 0.1158 |
| Mercury | 119068-04-30 16:17 | G | 45209874.07 | 45209874.18 | 45209874.28 | 0.3714 | 0.0677 |
| Mercury | 119073-11-14 09:19 | G | 45211897.81 | 45211897.89 | 45211897.97 | 0.3710 | 0.2418 |
| Mercury | 119080-12-12 07:39 | G | 45214482.69 | 45214482.82 | 45214482.95 | 0.3659 | 0.1364 |
| Mercury | 119086-06-28 10:03 | G | 45216506.81 | 45216506.92 | 45216507.04 | 0.3663 | 0.2008 |
| Mercury | 119113-11-07 03:05 | G | 45226499.55 | 45226499.63 | 45226499.71 | 0.3720 | 0.2420 |
| Mercury | 119119-05-23 20:36 | G | 45228523.26 | 45228523.36 | 45228523.47 | 0.3716 | 0.0578 |
| Mercury | 119124-12-06 14:07 | G | 45230546.99 | 45230547.09 | 45230547.19 | 0.3713 | 0.1241 |
| Mercury | 119130-06-22 07:10 | G | 45232570.74 | 45232570.80 | 45232570.87 | 0.3709 | 0.2971 |
| Mercury | 119132-01-04 05:58 | G | 45233131.72 | 45233131.75 | 45233131.78 | 0.3655 | 0.3540 |
| Mercury | 119137-07-20 07:53 | G | 45235155.70 | 45235155.83 | 45235155.97 | 0.3660 | 0.0352 |
| Mercury | 119143-02-03 10:31 | G | 45237179.87 | 45237179.94 | 45237180.02 | 0.3664 | 0.3085 |
| Mercury | 119164-11-28 07:24 | G | 45245148.81 | 45245148.81 | 45245148.81 | 0.3723 | 0.3716 |
| Mercury | 119170-06-14 01:10 | G | 45247172.45 | 45247172.55 | 45247172.64 | 0.3719 | 0.1821 |
| Mercury | 119175-12-28 18:41 | G | 45249196.17 | 45249196.28 | 45249196.39 | 0.3716 | 0.0039 |
| Mercury | 119181-07-13 11:58 | G | 45251219.91 | 45251220.00 | 45251220.09 | 0.3712 | 0.1797 |
| Mercury | 119187-01-27 05:00 | G | 45253243.68 | 45253243.71 | 45253243.75 | 0.3708 | 0.3523 |
| Mercury | 119188-08-10 06:12 | G | 45253804.66 | 45253804.76 | 45253804.86 | 0.3656 | 0.2555 |
| Mercury | 119194-02-24 08:22 | G | 45255828.71 | 45255828.85 | 45255828.98 | 0.3661 | 0.0709 |
| Mercury | 119221-07-05 05:29 | G | 45265821.67 | 45265821.73 | 45265821.78 | 0.3722 | 0.3112 |
| Mercury | 119227-01-18 23:00 | G | 45267845.36 | 45267845.46 | 45267845.57 | 0.3718 | 0.1222 |
| Mercury | 119232-08-03 16:31 | G | 45269869.08 | 45269869.19 | 45269869.30 | 0.3714 | 0.0607 |
| Mercury | 119238-02-17 09:48 | G | 45271892.83 | 45271892.91 | 45271892.99 | 0.3711 | 0.2364 |
| Mercury | 119245-03-17 06:27 | G | 45274477.65 | 45274477.77 | 45274477.90 | 0.3657 | 0.1548 |
| Mercury | 119250-10-01 08:51 | G | 45276501.75 | 45276501.87 | 45276501.99 | 0.3662 | 0.1784 |
| Mercury | 119278-02-09 03:19 | G | 45286494.56 | 45286494.64 | 45286494.72 | 0.3721 | 0.2496 |
| Mercury | 119283-08-25 21:05 | G | 45288518.27 | 45288518.38 | 45288518.49 | 0.3717 | 0.0623 |
| Mercury | 119289-03-10 14:36 | G | 45290542.00 | 45290542.11 | 45290542.21 | 0.3713 | 0.1189 |
| Mercury | 119294-09-24 07:39 | G | 45292565.76 | 45292565.82 | 45292565.89 | 0.3710 | 0.2930 |
| Mercury | 119301-10-23 06:41 | G | 45295150.65 | 45295150.78 | 45295150.92 | 0.3659 | 0.0530 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 119307-05-09 09:19 G | 45297174.80 | 45297174.89 | 45297174.97 | 0.3663 | 0.2871 |
| Mercury | 119334-09-17 01:24 G | 45307167.47 | 45307167.56 | 45307167.66 | 0.3720 | 0.1881 |
| Mercury | 119340-04-01 19:10 G | 45309191.19 | 45309191.30 | 45309191.40 | 0.3716 | 0.0161 |
| Mercury | 119345-10-16 12:27 G | 45311214.92 | 45311215.02 | 45311215.11 | 0.3712 | 0.1756 |
| Mercury | 119351-05-02 05:43 G | 45313238.70 | 45313238.74 | 45313238.77 | 0.3709 | 0.3487 |
| Mercury | 119352-11-13 05:15 G | 45313799.63 | 45313799.72 | 45313799.81 | 0.3656 | 0.2711 |
| Mercury | 119358-05-30 07:10 G | 45315823.66 | 45315823.80 | 45315823.94 | 0.3660 | 0.0523 |
| Mercury | 119385-10-08 05:43 G | 45325816.69 | 45325816.74 | 45325816.80 | 0.3722 | 0.3167 |
| Mercury | 119391-04-23 23:29 G | 45327840.38 | 45327840.48 | 45327840.58 | 0.3719 | 0.1271 |
| Mercury | 119396-11-06 17:00 G | 45329864.10 | 45329864.21 | 45329864.32 | 0.3715 | 0.0560 |
| Mercury | 119402-05-24 10:17 G | 45331887.85 | 45331887.93 | 45331888.02 | 0.3712 | 0.2328 |
| Mercury | 119409-06-21 05:15 G | 45334472.60 | 45334472.72 | 45334472.84 | 0.3657 | 0.1720 |
| Mercury | 119415-01-05 07:24 G | 45336496.68 | 45336496.81 | 45336496.94 | 0.3661 | 0.1559 |
| Mercury | 119442-05-16 03:48 G | 45346489.58 | 45346489.66 | 45346489.74 | 0.3722 | 0.2548 |
| Mercury | 119447-11-29 21:34 G | 45348513.29 | 45348513.40 | 45348513.50 | 0.3718 | 0.0679 |
| Mercury | 119453-06-14 14:51 G | 45350537.02 | 45350537.12 | 45350537.23 | 0.3714 | 0.1140 |
| Mercury | 119458-12-29 08:07 G | 45352560.78 | 45352560.84 | 45352560.91 | 0.3711 | 0.2894 |
| Mercury | 119466-01-26 05:29 G | 45355145.59 | 45355145.73 | 45355145.86 | 0.3658 | 0.0722 |
| Mercury | 119471-08-12 07:53 G | 45357169.73 | 45357169.83 | 45357169.92 | 0.3662 | 0.2637 |
| Mercury | 119498-12-21 01:53 G | 45367162.49 | 45367162.58 | 45367162.67 | 0.3721 | 0.1933 |
| Mercury | 119504-07-06 19:24 G | 45369186.20 | 45369186.31 | 45369186.42 | 0.3717 | 0.0098 |
| Mercury | 119510-01-20 12:55 G | 45371209.94 | 45371210.04 | 45371210.13 | 0.3713 | 0.1711 |
| Mercury | 119515-08-06 05:58 G | 45373233.72 | 45373233.75 | 45373233.79 | 0.3710 | 0.3440 |
| Mercury | 119517-02-17 04:02 G | 45373794.58 | 45373794.67 | 45373794.75 | 0.3655 | 0.2893 |
| Mercury | 119522-09-03 05:43 G | 45375818.60 | 45375818.74 | 45375818.88 | 0.3659 | 0.0321 |
| Mercury | 119550-01-12 05:58 G | 45385811.70 | 45385811.75 | 45385811.81 | 0.3723 | 0.3238 |
| Mercury | 119555-07-28 23:43 G | 45387835.39 | 45387835.49 | 45387835.60 | 0.3720 | 0.1345 |
| Mercury | 119561-02-10 17:29 G | 45389859.12 | 45389859.23 | 45389859.33 | 0.3716 | 0.0514 |
| Mercury | 119566-08-27 10:46 G | 45391882.87 | 45391882.95 | 45391883.03 | 0.3712 | 0.2274 |
| Mercury | 119573-09-24 04:02 G | 45394467.56 | 45394467.67 | 45394467.79 | 0.3656 | 0.1905 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 119579-04-10 06:12 G | 45396491.63 | 45396491.76 | 45396491.89 | 0.3660 | 0.1364 |
| Mercury | 119606-08-19 04:02 G | 45406484.60 | 45406484.67 | 45406484.75 | 0.3722 | 0.2622 |
| Mercury | 119612-03-03 21:48 G | 45408508.30 | 45408508.41 | 45408508.52 | 0.3719 | 0.0738 |
| Mercury | 119617-09-17 15:19 G | 45410532.04 | 45410532.14 | 45410532.25 | 0.3715 | 0.1086 |
| Mercury | 119623-04-03 08:36 G | 45412555.80 | 45412555.86 | 45412555.93 | 0.3711 | 0.2843 |
| Mercury | 119630-05-01 04:17 G | 45415140.55 | 45415140.68 | 45415140.82 | 0.3657 | 0.0894 |
| Mercury | 119635-11-15 06:41 G | 45417164.67 | 45417164.78 | 45417164.88 | 0.3661 | 0.2435 |
| Mercury | 119663-03-26 02:07 G | 45427157.50 | 45427157.59 | 45427157.68 | 0.3721 | 0.2005 |
| Mercury | 119668-10-08 19:53 G | 45429181.22 | 45429181.33 | 45429181.44 | 0.3718 | 0.0148 |
| Mercury | 119674-04-24 13:24 G | 45431204.96 | 45431205.06 | 45431205.15 | 0.3714 | 0.1667 |
| Mercury | 119679-11-08 06:26 G | 45433228.73 | 45433228.77 | 45433228.82 | 0.3710 | 0.3403 |
| Mercury | 119681-05-22 02:50 G | 45433789.55 | 45433789.62 | 45433789.69 | 0.3654 | 0.3043 |
| Mercury | 119686-12-06 04:31 G | 45435813.56 | 45435813.69 | 45435813.83 | 0.3658 | 0.0161 |
| Mercury | 119692-06-21 06:55 G | 45437837.76 | 45437837.79 | 45437837.83 | 0.3663 | 0.3514 |
| Mercury | 119714-04-17 06:26 G | 45445806.72 | 45445806.77 | 45445806.82 | 0.3724 | 0.3303 |
| Mercury | 119719-11-01 00:12 G | 45447830.41 | 45447830.51 | 45447830.61 | 0.3720 | 0.1392 |
| Mercury | 119725-05-16 17:43 G | 45449854.14 | 45449854.24 | 45449854.35 | 0.3717 | 0.0479 |
| Mercury | 119730-11-30 11:14 G | 45451877.88 | 45451877.97 | 45451878.06 | 0.3713 | 0.2236 |
| Mercury | 119737-12-28 03:05 G | 45454462.51 | 45454462.63 | 45454462.74 | 0.3655 | 0.2078 |
| Mercury | 119743-07-14 05:00 G | 45456486.58 | 45456486.71 | 45456486.84 | 0.3659 | 0.1169 |
| Mercury | 119770-11-22 04:31 G | 45466479.61 | 45466479.69 | 45466479.76 | 0.3723 | 0.2679 |
| Mercury | 119776-06-06 22:17 G | 45468503.32 | 45468503.43 | 45468503.54 | 0.3719 | 0.0790 |
| Mercury | 119781-12-21 15:48 G | 45470527.06 | 45470527.16 | 45470527.27 | 0.3716 | 0.1041 |
| Mercury | 119787-07-07 09:05 G | 45472550.81 | 45472550.88 | 45472550.95 | 0.3712 | 0.2794 |
| Mercury | 119794-08-04 03:05 G | 45475135.50 | 45475135.63 | 45475135.76 | 0.3656 | 0.1079 |
| Mercury | 119800-02-18 05:14 G | 45477159.61 | 45477159.72 | 45477159.83 | 0.3660 | 0.2204 |
| Mercury | 119827-06-30 02:36 G | 45487152.51 | 45487152.61 | 45487152.70 | 0.3722 | 0.2077 |
| Mercury | 119833-01-12 20:07 G | 45489176.24 | 45489176.34 | 45489176.45 | 0.3719 | 0.0241 |
| Mercury | 119838-07-29 13:38 G | 45491199.97 | 45491200.07 | 45491200.17 | 0.3715 | 0.1609 |
| Mercury | 119844-02-12 06:55 G | 45493223.75 | 45493223.79 | 45493223.84 | 0.3711 | 0.3355 |

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|---------|--------------------|---|-------------|-------------|-------------|--------|--------|
| Mercury | 119845-08-26 01:38 | G | 45493784.51 | 45493784.57 | 45493784.64 | 0.3653 | 0.3212 |
| Mercury | 119851-03-12 03:19 | G | 45495808.50 | 45495808.64 | 45495808.78 | 0.3657 | 0.0092 |
| Mercury | 119856-09-25 05:43 | G | 45497832.68 | 45497832.74 | 45497832.80 | 0.3662 | 0.3286 |
| Mercury | 119878-07-21 06:41 | G | 45505801.74 | 45505801.78 | 45505801.82 | 0.3725 | 0.3379 |
| Mercury | 119884-02-04 00:26 | G | 45507825.42 | 45507825.52 | 45507825.63 | 0.3721 | 0.1464 |
| Mercury | 119889-08-19 18:12 | G | 45509849.15 | 45509849.26 | 45509849.37 | 0.3717 | 0.0395 |
| Mercury | 119895-03-05 11:43 | G | 45511872.90 | 45511872.99 | 45511873.07 | 0.3714 | 0.2186 |
| Mercury | 119902-04-03 01:53 | G | 45514457.47 | 45514457.58 | 45514457.69 | 0.3654 | 0.2233 |
| Mercury | 119907-10-18 03:34 | G | 45516481.52 | 45516481.65 | 45516481.79 | 0.3658 | 0.0965 |
| Mercury | 119935-02-26 04:46 | G | 45526474.63 | 45526474.70 | 45526474.77 | 0.3724 | 0.2755 |
| Mercury | 119940-09-10 22:31 | G | 45528498.34 | 45528498.44 | 45528498.55 | 0.3720 | 0.0856 |
| Mercury | 119946-03-27 16:02 | G | 45530522.07 | 45530522.17 | 45530522.28 | 0.3716 | 0.0995 |
| Mercury | 119951-10-11 09:34 | G | 45532545.83 | 45532545.90 | 45532545.97 | 0.3713 | 0.2753 |
| Mercury | 119958-11-08 02:07 | G | 45535130.46 | 45535130.59 | 45535130.72 | 0.3655 | 0.1242 |
| Mercury | 119964-05-24 04:02 | G | 45537154.55 | 45537154.67 | 45537154.78 | 0.3660 | 0.2013 |
| Mercury | 119991-10-03 02:50 | G | 45547147.53 | 45547147.62 | 45547147.71 | 0.3723 | 0.2129 |
| Mercury | 119997-04-17 20:36 | G | 45549171.25 | 45549171.36 | 45549171.47 | 0.3719 | 0.0248 |

121ST MILLENNIUM CE

This is a list of transits visible from Venus in the 121st millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 120002-11-01 14:07 | G | 45551194.99 | 45551195.09 | 45551195.19 | 0.3715 | 0.1568 | |
| Mercury | 120008-05-17 07:24 | G | 45553218.77 | 45553218.81 | 45553218.86 | 0.3712 | 0.3324 | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 120009-11-29 00:41 G | 45553779.48 | 45553779.53 | 45553779.59 | 0.3652 | 0.3347 |
| Mercury | 120015-06-15 02:22 G | 45555803.46 | 45555803.60 | 45555803.73 | 0.3656 | 0.0264 |
| Mercury | 120020-12-29 04:17 G | 45557827.61 | 45557827.68 | 45557827.76 | 0.3661 | 0.3072 |
| Mercury | 120042-10-24 06:55 G | 45565796.75 | 45565796.79 | 45565796.83 | 0.3725 | 0.3443 |
| Mercury | 120048-05-09 00:55 G | 45567820.44 | 45567820.54 | 45567820.64 | 0.3722 | 0.1510 |
| Mercury | 120053-11-22 18:41 G | 45569844.17 | 45569844.28 | 45569844.39 | 0.3718 | 0.0362 |
| Mercury | 120059-06-08 12:12 G | 45571867.92 | 45571868.01 | 45571868.09 | 0.3715 | 0.2149 |
| Mercury | 120066-07-06 00:55 G | 45574452.43 | 45574452.54 | 45574452.64 | 0.3653 | 0.2390 |
| Mercury | 120072-01-20 02:22 G | 45576476.47 | 45576476.60 | 45576476.74 | 0.3658 | 0.0758 |
| Mercury | 120099-05-31 05:00 G | 45586469.64 | 45586469.71 | 45586469.79 | 0.3725 | 0.2816 |
| Mercury | 120104-12-14 23:00 G | 45588493.35 | 45588493.46 | 45588493.57 | 0.3721 | 0.0903 |
| Mercury | 120110-06-30 16:31 G | 45590517.09 | 45590517.19 | 45590517.30 | 0.3717 | 0.0934 |
| Mercury | 120116-01-14 10:02 G | 45592540.85 | 45592540.92 | 45592540.99 | 0.3714 | 0.2717 |
| Mercury | 120123-02-11 00:55 G | 45595125.41 | 45595125.54 | 45595125.66 | 0.3654 | 0.1425 |
| Mercury | 120128-08-27 02:36 G | 45597149.49 | 45597149.61 | 45597149.73 | 0.3659 | 0.1806 |
| Mercury | 120156-01-06 03:19 G | 45607142.55 | 45607142.64 | 45607142.72 | 0.3724 | 0.2192 |
| Mercury | 120161-07-21 20:50 G | 45609166.26 | 45609166.37 | 45609166.48 | 0.3720 | 0.0336 |
| Mercury | 120167-02-04 14:36 G | 45611190.01 | 45611190.11 | 45611190.21 | 0.3716 | 0.1519 |
| Mercury | 120172-08-20 07:53 G | 45613213.78 | 45613213.83 | 45613213.88 | 0.3713 | 0.3271 |
| Mercury | 120174-03-03 23:43 G | 45613774.45 | 45613774.49 | 45613774.52 | 0.3651 | 0.3509 |
| Mercury | 120179-09-18 00:55 G | 45615798.41 | 45615798.54 | 45615798.68 | 0.3655 | 0.0442 |
| Mercury | 120185-04-03 03:05 G | 45617822.54 | 45617822.63 | 45617822.71 | 0.3660 | 0.2860 |
| Mercury | 120207-01-28 07:10 G | 45625791.77 | 45625791.80 | 45625791.84 | 0.3726 | 0.3518 |
| Mercury | 120212-08-13 01:10 G | 45627815.45 | 45627815.55 | 45627815.65 | 0.3723 | 0.1583 |
| Mercury | 120218-02-26 18:55 G | 45629839.18 | 45629839.29 | 45629839.40 | 0.3719 | 0.0287 |
| Mercury | 120223-09-12 12:26 G | 45631862.93 | 45631863.02 | 45631863.11 | 0.3715 | 0.2093 |
| Mercury | 120230-10-09 23:43 G | 45634447.39 | 45634447.49 | 45634447.59 | 0.3652 | 0.2551 |
| Mercury | 120236-04-25 01:10 G | 45636471.42 | 45636471.55 | 45636471.69 | 0.3657 | 0.0603 |
| Mercury | 120263-09-04 05:29 G | 45646464.66 | 45646464.73 | 45646464.79 | 0.3725 | 0.2886 |
| Mercury | 120269-03-19 23:14 G | 45648488.37 | 45648488.47 | 45648488.58 | 0.3722 | 0.0970 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 120274-10-03 17:00 G | 45650512.10 | 45650512.21 | 45650512.32 | 0.3718 | 0.0885 |
| Mercury | 120280-04-18 10:31 G | 45652535.86 | 45652535.94 | 45652536.01 | 0.3714 | 0.2670 |
| Mercury | 120287-05-16 23:43 G | 45655120.37 | 45655120.49 | 45655120.62 | 0.3653 | 0.1583 |
| Mercury | 120292-11-30 01:38 G | 45657144.44 | 45657144.57 | 45657144.69 | 0.3658 | 0.1625 |
| Mercury | 120320-04-11 03:34 G | 45667137.56 | 45667137.65 | 45667137.73 | 0.3724 | 0.2260 |
| Mercury | 120325-10-25 21:19 G | 45669161.28 | 45669161.39 | 45669161.50 | 0.3721 | 0.0362 |
| Mercury | 120331-05-11 14:50 G | 45671185.02 | 45671185.12 | 45671185.22 | 0.3717 | 0.1478 |
| Mercury | 120336-11-24 08:22 G | 45673208.80 | 45673208.85 | 45673208.90 | 0.3713 | 0.3237 |
| Mercury | 120338-06-07 22:46 G | 45673769.44 | 45673769.45 | 45673769.45 | 0.3650 | 0.3641 |
| Mercury | 120343-12-22 23:58 G | 45675793.36 | 45675793.50 | 45675793.63 | 0.3655 | 0.0599 |
| Mercury | 120349-07-08 01:53 G | 45677817.49 | 45677817.58 | 45677817.67 | 0.3659 | 0.2669 |
| Mercury | 120371-05-03 07:38 G | 45685786.79 | 45685786.82 | 45685786.84 | 0.3727 | 0.3581 |
| Mercury | 120376-11-16 01:38 G | 45687810.47 | 45687810.57 | 45687810.67 | 0.3723 | 0.1638 |
| Mercury | 120382-06-01 19:24 G | 45689834.20 | 45689834.31 | 45689834.42 | 0.3720 | 0.0248 |
| Mercury | 120387-12-16 12:55 G | 45691857.95 | 45691858.04 | 45691858.13 | 0.3716 | 0.2055 |
| Mercury | 120395-01-12 22:46 G | 45694442.36 | 45694442.45 | 45694442.53 | 0.3652 | 0.2716 |
| Mercury | 120400-07-29 00:12 G | 45696466.37 | 45696466.51 | 45696466.64 | 0.3656 | 0.0417 |
| Mercury | 120427-12-08 05:43 G | 45706459.67 | 45706459.74 | 45706459.81 | 0.3726 | 0.2945 |
| Mercury | 120433-06-22 23:43 G | 45708483.38 | 45708483.49 | 45708483.59 | 0.3722 | 0.1036 |
| Mercury | 120439-01-06 17:29 G | 45710507.12 | 45710507.23 | 45710507.33 | 0.3719 | 0.0851 |
| Mercury | 120444-07-22 10:46 G | 45712530.88 | 45712530.95 | 45712531.03 | 0.3715 | 0.2620 |
| Mercury | 120451-08-19 22:46 G | 45715115.33 | 45715115.45 | 45715115.57 | 0.3653 | 0.1753 |
| Mercury | 120457-03-05 00:12 G | 45717139.39 | 45717139.51 | 45717139.64 | 0.3657 | 0.1419 |
| Mercury | 120484-07-14 03:48 G | 45727132.57 | 45727132.66 | 45727132.74 | 0.3725 | 0.2330 |
| Mercury | 120490-01-27 21:34 G | 45729156.30 | 45729156.40 | 45729156.51 | 0.3722 | 0.0441 |
| Mercury | 120495-08-13 15:19 G | 45731180.04 | 45731180.14 | 45731180.24 | 0.3718 | 0.1417 |
| Mercury | 120501-02-27 08:50 G | 45733203.81 | 45733203.87 | 45733203.92 | 0.3714 | 0.3193 |
| Mercury | 120508-03-26 22:46 G | 45735788.32 | 45735788.45 | 45735788.59 | 0.3654 | 0.0772 |
| Mercury | 120513-10-11 00:41 G | 45737812.42 | 45737812.53 | 45737812.63 | 0.3658 | 0.2460 |
| Mercury | 120535-08-06 07:53 G | 45745781.81 | 45745781.83 | 45745781.84 | 0.3728 | 0.3661 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 120541-02-19 01:53 G | 45747805.48 | 45747805.58 | 45747805.68 | 0.3724 | 0.1706 |
| Mercury | 120546-09-04 19:38 G | 45749829.21 | 45749829.32 | 45749829.43 | 0.3720 | 0.0195 |
| Mercury | 120552-03-20 13:10 G | 45751852.96 | 45751853.05 | 45751853.15 | 0.3717 | 0.2004 |
| Mercury | 120559-04-17 21:34 G | 45754437.32 | 45754437.40 | 45754437.49 | 0.3651 | 0.2857 |
| Mercury | 120564-10-31 23:00 G | 45756461.32 | 45756461.46 | 45756461.60 | 0.3655 | 0.0230 |
| Mercury | 120570-05-18 00:55 G | 45758485.50 | 45758485.54 | 45758485.57 | 0.3659 | 0.3515 |
| Mercury | 120592-03-12 05:58 G | 45766454.69 | 45766454.75 | 45766454.81 | 0.3727 | 0.3025 |
| Mercury | 120597-09-25 23:58 G | 45768478.39 | 45768478.50 | 45768478.60 | 0.3723 | 0.1086 |
| Mercury | 120603-04-12 17:43 G | 45770502.13 | 45770502.24 | 45770502.35 | 0.3719 | 0.0781 |
| Mercury | 120608-10-26 11:14 G | 45772525.89 | 45772525.97 | 45772526.05 | 0.3716 | 0.2583 |
| Mercury | 120615-11-23 21:48 G | 45775110.29 | 45775110.41 | 45775110.52 | 0.3652 | 0.1891 |
| Mercury | 120621-06-08 23:14 G | 45777134.34 | 45777134.47 | 45777134.60 | 0.3656 | 0.1245 |
| Mercury | 120648-10-18 04:02 G | 45787127.59 | 45787127.67 | 45787127.76 | 0.3726 | 0.2389 |
| Mercury | 120654-05-03 22:02 G | 45789151.31 | 45789151.42 | 45789151.53 | 0.3722 | 0.0471 |
| Mercury | 120659-11-17 15:48 G | 45791175.05 | 45791175.16 | 45791175.26 | 0.3718 | 0.1380 |
| Mercury | 120665-06-02 09:19 G | 45793198.83 | 45793198.89 | 45793198.94 | 0.3715 | 0.3161 |
| Mercury | 120672-06-29 21:48 G | 45795783.28 | 45795783.41 | 45795783.54 | 0.3653 | 0.0921 |
| Mercury | 120678-01-13 23:14 G | 45797807.37 | 45797807.47 | 45797807.58 | 0.3657 | 0.2258 |
| Mercury | 120699-11-09 08:07 G | 45805776.84 | 45805776.84 | 45805776.84 | 0.3728 | 0.3726 |
| Mercury | 120705-05-26 02:07 G | 45807800.50 | 45807800.59 | 45807800.69 | 0.3725 | 0.1763 |
| Mercury | 120710-12-09 20:07 G | 45809824.23 | 45809824.34 | 45809824.45 | 0.3721 | 0.0159 |
| Mercury | 120716-06-24 13:38 G | 45811847.98 | 45811848.07 | 45811848.16 | 0.3718 | 0.1960 |
| Mercury | 120723-07-22 20:36 G | 45814432.29 | 45814432.36 | 45814432.44 | 0.3650 | 0.2993 |
| Mercury | 120729-02-04 21:48 G | 45816456.27 | 45816456.41 | 45816456.55 | 0.3654 | 0.0050 |
| Mercury | 120734-08-21 23:43 G | 45818480.43 | 45818480.49 | 45818480.54 | 0.3659 | 0.3309 |
| Mercury | 120756-06-16 06:12 G | 45826449.70 | 45826449.76 | 45826449.82 | 0.3728 | 0.3087 |
| Mercury | 120761-12-31 00:12 G | 45828473.41 | 45828473.51 | 45828473.62 | 0.3724 | 0.1146 |
| Mercury | 120767-07-16 17:58 G | 45830497.15 | 45830497.25 | 45830497.36 | 0.3720 | 0.0740 |
| Mercury | 120773-01-29 11:43 G | 45832520.91 | 45832520.99 | 45832521.07 | 0.3717 | 0.2544 |
| Mercury | 120780-02-26 20:36 G | 45835105.25 | 45835105.36 | 45835105.47 | 0.3651 | 0.2055 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 120785-09-11 22:02 G | 45837129.28 | 45837129.42 | 45837129.55 | 0.3655 | 0.1053 |
| Mercury | 120813-01-21 04:17 G | 45847122.60 | 45847122.68 | 45847122.77 | 0.3727 | 0.2455 |
| Mercury | 120818-08-06 22:17 G | 45849146.32 | 45849146.43 | 45849146.54 | 0.3723 | 0.0537 |
| Mercury | 120824-02-20 16:02 G | 45851170.07 | 45851170.17 | 45851170.27 | 0.3719 | 0.1320 |
| Mercury | 120829-09-05 09:34 G | 45853193.84 | 45853193.90 | 45853193.96 | 0.3715 | 0.3109 |
| Mercury | 120836-10-02 20:36 G | 45855778.23 | 45855778.36 | 45855778.49 | 0.3652 | 0.1094 |
| Mercury | 120842-04-18 22:17 G | 45857802.31 | 45857802.43 | 45857802.54 | 0.3656 | 0.2078 |
| Mercury | 120869-08-28 02:22 G | 45867795.51 | 45867795.60 | 45867795.70 | 0.3725 | 0.1834 |
| Mercury | 120875-03-13 20:22 G | 45869819.24 | 45869819.35 | 45869819.46 | 0.3722 | 0.0073 |
| Mercury | 120880-09-26 14:07 G | 45871842.99 | 45871843.09 | 45871843.18 | 0.3718 | 0.1913 |
| Mercury | 120886-04-12 07:38 G | 45873866.80 | 45873866.82 | 45873866.83 | 0.3714 | 0.3683 |
| Mercury | 120887-10-24 19:38 G | 45874427.26 | 45874427.32 | 45874427.39 | 0.3649 | 0.3135 |
| Mercury | 120893-05-09 20:50 G | 45876451.23 | 45876451.37 | 45876451.50 | 0.3653 | 0.0127 |
| Mercury | 120898-11-23 22:31 G | 45878475.37 | 45878475.44 | 45878475.51 | 0.3657 | 0.3124 |
| Mercury | 120920-09-19 06:26 G | 45886444.72 | 45886444.77 | 45886444.83 | 0.3728 | 0.3161 |
| Mercury | 120926-04-05 00:41 G | 45888468.42 | 45888468.53 | 45888468.63 | 0.3724 | 0.1214 |
| Mercury | 120931-10-19 18:26 G | 45890492.16 | 45890492.27 | 45890492.38 | 0.3721 | 0.0680 |
| Mercury | 120937-05-04 11:58 G | 45892515.92 | 45892516.00 | 45892516.08 | 0.3717 | 0.2499 |
| Mercury | 120944-05-31 19:38 G | 45895100.22 | 45895100.32 | 45895100.43 | 0.3650 | 0.2192 |
| Mercury | 120949-12-15 20:50 G | 45897124.24 | 45897124.37 | 45897124.50 | 0.3654 | 0.0888 |
| Mercury | 120977-04-26 04:31 G | 45907117.61 | 45907117.69 | 45907117.78 | 0.3727 | 0.2525 |
| Mercury | 120982-11-09 22:31 G | 45909141.34 | 45909141.44 | 45909141.55 | 0.3724 | 0.0609 |
| Mercury | 120988-05-25 16:31 G | 45911165.08 | 45911165.19 | 45911165.29 | 0.3720 | 0.1284 |
| Mercury | 120993-12-09 10:02 G | 45913188.86 | 45913188.92 | 45913188.98 | 0.3716 | 0.3076 |

122ND MILLENNIUM CE

This is a list of transits visible from Venus in the 122nd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 121001-01-06 19:38 | G | 45915773.19 | 45915773.32 | 45915773.45 | 0.3651 | 0.1246 | |
| Mercury | 121006-07-23 21:05 | G | 45917797.26 | 45917797.38 | 45917797.50 | 0.3656 | 0.1906 | |
| Mercury | 121033-12-02 02:50 | G | 45927790.52 | 45927790.62 | 45927790.71 | 0.3726 | 0.1886 | |
| Mercury | 121039-06-17 20:50 | G | 45929814.26 | 45929814.37 | 45929814.48 | 0.3723 | 0.0143 | |
| Mercury | 121044-12-31 14:36 | G | 45931838.01 | 45931838.11 | 45931838.20 | 0.3719 | 0.1880 | |
| Mercury | 121050-07-17 07:53 | G | 45933861.81 | 45933861.83 | 45933861.85 | 0.3715 | 0.3641 | |
| Mercury | 121052-01-28 18:41 | G | 45934422.23 | 45934422.28 | 45934422.34 | 0.3648 | 0.3280 | |
| Mercury | 121057-08-13 19:38 | G | 45936446.19 | 45936446.32 | 45936446.46 | 0.3652 | 0.0280 | |
| Mercury | 121063-02-27 21:19 | G | 45938470.30 | 45938470.39 | 45938470.47 | 0.3657 | 0.2918 | |
| Mercury | 121084-12-23 06:41 | G | 45946439.73 | 45946439.78 | 45946439.84 | 0.3729 | 0.3226 | |
| Mercury | 121090-07-09 00:55 | G | 45948463.43 | 45948463.54 | 45948463.64 | 0.3725 | 0.1271 | |
| Mercury | 121096-01-22 18:41 | G | 45950487.18 | 45950487.28 | 45950487.39 | 0.3722 | 0.0648 | |
| Mercury | 121101-08-08 12:26 | G | 45952510.94 | 45952511.02 | 45952511.10 | 0.3718 | 0.2448 | |
| Mercury | 121108-09-04 18:41 | G | 45955095.18 | 45955095.28 | 45955095.38 | 0.3649 | 0.2346 | |
| Mercury | 121114-03-21 19:38 | G | 45957119.19 | 45957119.32 | 45957119.46 | 0.3653 | 0.0717 | |
| Mercury | 121141-07-31 04:46 | G | 45967112.63 | 45967112.70 | 45967112.78 | 0.3728 | 0.2598 | |
| Mercury | 121147-02-13 23:00 | G | 45969136.35 | 45969136.46 | 45969136.57 | 0.3724 | 0.0648 | |
| Mercury | 121152-08-29 16:46 | G | 45971160.10 | 45971160.20 | 45971160.30 | 0.3721 | 0.1225 | |
| Mercury | 121158-03-15 10:17 | G | 45973183.87 | 45973183.93 | 45973184.00 | 0.3717 | 0.3030 | |
| Mercury | 121165-04-11 18:41 | G | 45975768.15 | 45975768.28 | 45975768.40 | 0.3650 | 0.1399 | |
| Mercury | 121170-10-26 19:53 | G | 45977792.21 | 45977792.33 | 45977792.45 | 0.3654 | 0.1718 | |
| Mercury | 121198-03-07 03:05 | G | 45987785.53 | 45987785.63 | 45987785.72 | 0.3727 | 0.1961 | |
| Mercury | 121203-09-20 21:05 | G | 45989809.27 | 45989809.38 | 45989809.49 | 0.3723 | 0.0087 | |
| Mercury | 121209-04-05 14:50 | G | 45991833.02 | 45991833.12 | 45991833.21 | 0.3720 | 0.1820 | |
| Mercury | 121214-10-20 08:21 | G | 45993856.83 | 45993856.85 | 45993856.87 | 0.3716 | 0.3606 | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 121216-05-02 17:57 G | 45994417.20 | 45994417.25 | 45994417.29 | 0.3647 | 0.3402 |
| Mercury | 121221-11-16 18:41 G | 45996441.15 | 45996441.28 | 45996441.42 | 0.3651 | 0.0429 |
| Mercury | 121227-06-02 20:07 G | 45998465.25 | 45998465.34 | 45998465.43 | 0.3656 | 0.2744 |
| Mercury | 121249-03-28 06:55 G | 46006434.74 | 46006434.79 | 46006434.84 | 0.3730 | 0.3302 |
| Mercury | 121254-10-12 01:09 G | 46008458.45 | 46008458.55 | 46008458.65 | 0.3726 | 0.1325 |
| Mercury | 121260-04-26 19:09 G | 46010482.19 | 46010482.30 | 46010482.41 | 0.3722 | 0.0584 |
| Mercury | 121265-11-10 12:55 G | 46012505.95 | 46012506.04 | 46012506.12 | 0.3719 | 0.2416 |
| Mercury | 121272-12-07 17:43 G | 46015090.14 | 46015090.24 | 46015090.34 | 0.3648 | 0.2473 |
| Mercury | 121278-06-23 18:41 G | 46017114.15 | 46017114.28 | 46017114.42 | 0.3653 | 0.0561 |
| Mercury | 121305-11-03 05:14 G | 46027107.64 | 46027107.72 | 46027107.79 | 0.3729 | 0.2656 |
| Mercury | 121311-05-19 23:14 G | 46029131.36 | 46029131.47 | 46029131.58 | 0.3725 | 0.0702 |
| Mercury | 121316-12-02 17:14 G | 46031155.11 | 46031155.22 | 46031155.32 | 0.3721 | 0.1189 |
| Mercury | 121322-06-18 10:45 G | 46033178.89 | 46033178.95 | 46033179.01 | 0.3718 | 0.2997 |
| Mercury | 121329-07-15 17:43 G | 46035763.12 | 46035763.24 | 46035763.36 | 0.3650 | 0.1535 |
| Mercury | 121335-01-29 18:41 G | 46037787.16 | 46037787.28 | 46037787.41 | 0.3654 | 0.1539 |
| Mercury | 121362-06-10 03:19 G | 46047780.55 | 46047780.64 | 46047780.73 | 0.3728 | 0.2013 |
| Mercury | 121367-12-24 21:19 G | 46049804.28 | 46049804.39 | 46049804.50 | 0.3724 | 0.0111 |
| Mercury | 121373-07-09 15:05 G | 46051828.04 | 46051828.13 | 46051828.23 | 0.3721 | 0.1778 |
| Mercury | 121379-01-23 08:50 G | 46053851.84 | 46053851.87 | 46053851.89 | 0.3717 | 0.3577 |
| Mercury | 121380-08-05 17:00 G | 46054412.18 | 46054412.21 | 46054412.24 | 0.3647 | 0.3527 |
| Mercury | 121386-02-19 17:43 G | 46056436.10 | 46056436.24 | 46056436.37 | 0.3651 | 0.0601 |
| Mercury | 121391-09-05 18:55 G | 46058460.19 | 46058460.29 | 46058460.39 | 0.3655 | 0.2549 |
| Mercury | 121413-07-02 07:09 G | 46066429.76 | 46066429.80 | 46066429.85 | 0.3730 | 0.3371 |
| Mercury | 121419-01-16 01:24 G | 46068453.46 | 46068453.56 | 46068453.67 | 0.3727 | 0.1383 |
| Mercury | 121424-07-31 19:24 G | 46070477.20 | 46070477.31 | 46070477.42 | 0.3723 | 0.0521 |
| Mercury | 121430-02-14 13:09 G | 46072500.97 | 46072501.05 | 46072501.13 | 0.3720 | 0.2368 |
| Mercury | 121437-03-13 16:45 G | 46075085.11 | 46075085.20 | 46075085.29 | 0.3647 | 0.2623 |
| Mercury | 121442-09-27 17:43 G | 46077109.10 | 46077109.24 | 46077109.37 | 0.3652 | 0.0395 |
| Mercury | 121448-04-12 19:09 G | 46079133.27 | 46079133.30 | 46079133.32 | 0.3656 | 0.3576 |
| Mercury | 121470-02-06 05:29 G | 46087102.65 | 46087102.73 | 46087102.80 | 0.3730 | 0.2724 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 121475-08-22 23:29 G | 46089126.37 | 46089126.48 | 46089126.59 | 0.3726 | 0.0767 |
| Mercury | 121481-03-07 17:29 G | 46091150.12 | 46091150.23 | 46091150.33 | 0.3722 | 0.1128 |
| Mercury | 121486-09-21 11:14 G | 46093173.90 | 46093173.97 | 46093174.03 | 0.3718 | 0.2953 |
| Mercury | 121493-10-18 16:45 G | 46095758.08 | 46095758.20 | 46095758.32 | 0.3649 | 0.1683 |
| Mercury | 121499-05-04 17:43 G | 46097782.11 | 46097782.24 | 46097782.37 | 0.3653 | 0.1378 |
| Mercury | 121526-09-14 03:33 G | 46107775.56 | 46107775.65 | 46107775.74 | 0.3728 | 0.2084 |
| Mercury | 121532-03-29 21:33 G | 46109799.29 | 46109799.40 | 46109799.51 | 0.3725 | 0.0176 |
| Mercury | 121537-10-13 15:33 G | 46111823.05 | 46111823.15 | 46111823.24 | 0.3721 | 0.1731 |
| Mercury | 121543-04-29 09:05 G | 46113846.85 | 46113846.88 | 46113846.91 | 0.3717 | 0.3533 |
| Mercury | 121550-05-26 16:45 G | 46116431.06 | 46116431.20 | 46116431.33 | 0.3650 | 0.0734 |
| Mercury | 121555-12-10 17:57 G | 46118455.14 | 46118455.25 | 46118455.35 | 0.3654 | 0.2387 |
| Mercury | 121577-10-05 07:24 G | 46126424.77 | 46126424.81 | 46126424.85 | 0.3731 | 0.3444 |
| Mercury | 121583-04-21 01:38 G | 46128448.47 | 46128448.57 | 46128448.67 | 0.3727 | 0.1451 |
| Mercury | 121588-11-03 19:38 G | 46130472.21 | 46130472.32 | 46130472.43 | 0.3724 | 0.0487 |
| Mercury | 121594-05-20 13:38 G | 46132495.98 | 46132496.07 | 46132496.15 | 0.3720 | 0.2332 |
| Mercury | 121601-06-16 15:48 G | 46135080.08 | 46135080.16 | 46135080.25 | 0.3647 | 0.2744 |
| Mercury | 121606-12-31 16:45 G | 46137104.06 | 46137104.20 | 46137104.33 | 0.3651 | 0.0256 |
| Mercury | 121612-07-16 17:57 G | 46139128.21 | 46139128.25 | 46139128.30 | 0.3655 | 0.3410 |
| Mercury | 121634-05-12 05:43 G | 46147097.66 | 46147097.74 | 46147097.81 | 0.3730 | 0.2790 |
| Mercury | 121639-11-25 23:43 G | 46149121.39 | 46149121.49 | 46149121.60 | 0.3727 | 0.0831 |
| Mercury | 121645-06-10 17:43 G | 46151145.14 | 46151145.24 | 46151145.35 | 0.3723 | 0.1097 |
| Mercury | 121650-12-25 11:29 G | 46153168.92 | 46153168.98 | 46153169.05 | 0.3719 | 0.2921 |
| Mercury | 121658-01-21 15:48 G | 46155753.04 | 46155753.16 | 46155753.27 | 0.3648 | 0.1823 |
| Mercury | 121663-08-07 16:45 G | 46157777.07 | 46157777.20 | 46157777.33 | 0.3652 | 0.1218 |
| Mercury | 121690-12-17 03:48 G | 46167770.57 | 46167770.66 | 46167770.75 | 0.3729 | 0.2144 |
| Mercury | 121696-07-01 22:02 G | 46169794.31 | 46169794.42 | 46169794.53 | 0.3726 | 0.0224 |
| Mercury | 121702-01-16 15:48 G | 46171818.07 | 46171818.16 | 46171818.26 | 0.3722 | 0.1694 |
| Mercury | 121707-08-02 09:33 G | 46173841.86 | 46173841.90 | 46173841.93 | 0.3718 | 0.3492 |
| Mercury | 121714-08-29 15:33 G | 46176426.02 | 46176426.15 | 46176426.29 | 0.3649 | 0.0889 |
| Mercury | 121720-03-14 16:45 G | 46178450.09 | 46178450.20 | 46178450.31 | 0.3653 | 0.2201 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 121742-01-08 07:38 G | 46186419.79 | 46186419.82 | 46186419.86 | 0.3732 | 0.3508 |
| Mercury | 121747-07-25 01:53 G | 46188443.48 | 46188443.58 | 46188443.68 | 0.3728 | 0.1516 |
| Mercury | 121753-02-06 20:07 G | 46190467.23 | 46190467.34 | 46190467.45 | 0.3725 | 0.0436 |
| Mercury | 121758-08-23 13:53 G | 46192490.99 | 46192491.08 | 46192491.16 | 0.3721 | 0.2279 |
| Mercury | 121765-09-19 15:05 G | 46195075.05 | 46195075.13 | 46195075.21 | 0.3646 | 0.2877 |
| Mercury | 121771-04-05 15:33 G | 46197099.02 | 46197099.15 | 46197099.29 | 0.3650 | 0.0093 |
| Mercury | 121776-10-19 16:45 G | 46199123.14 | 46199123.20 | 46199123.27 | 0.3654 | 0.3221 |
| Mercury | 121798-08-15 05:43 G | 46207092.67 | 46207092.74 | 46207092.81 | 0.3731 | 0.2870 |
| Mercury | 121804-03-01 00:12 G | 46209116.40 | 46209116.51 | 46209116.61 | 0.3727 | 0.0889 |
| Mercury | 121809-09-14 18:12 G | 46211140.15 | 46211140.26 | 46211140.36 | 0.3724 | 0.1041 |
| Mercury | 121815-03-31 11:57 G | 46213163.93 | 46213164.00 | 46213164.06 | 0.3720 | 0.2873 |
| Mercury | 121822-04-27 14:50 G | 46215748.01 | 46215748.12 | 46215748.23 | 0.3647 | 0.1953 |
| Mercury | 121827-11-11 15:33 G | 46217772.02 | 46217772.15 | 46217772.28 | 0.3651 | 0.1053 |
| Mercury | 121855-03-23 04:02 G | 46227765.58 | 46227765.67 | 46227765.76 | 0.3730 | 0.2217 |
| Mercury | 121860-10-05 22:17 G | 46229789.32 | 46229789.43 | 46229789.54 | 0.3726 | 0.0266 |
| Mercury | 121866-04-21 16:02 G | 46231813.08 | 46231813.17 | 46231813.27 | 0.3723 | 0.1645 |
| Mercury | 121871-11-05 09:48 G | 46233836.88 | 46233836.91 | 46233836.95 | 0.3719 | 0.3462 |
| Mercury | 121878-12-02 14:50 G | 46236420.99 | 46236421.12 | 46236421.25 | 0.3648 | 0.1014 |
| Mercury | 121884-06-17 15:48 G | 46238445.05 | 46238445.16 | 46238445.27 | 0.3652 | 0.2052 |
| Mercury | 121906-04-14 07:53 G | 46246414.80 | 46246414.83 | 46246414.86 | 0.3732 | 0.3588 |
| Mercury | 121911-10-29 02:07 G | 46248438.49 | 46248438.59 | 46248438.70 | 0.3729 | 0.1576 |
| Mercury | 121917-05-13 20:21 G | 46250462.24 | 46250462.35 | 46250462.46 | 0.3725 | 0.0373 |
| Mercury | 121922-11-27 14:07 G | 46252486.01 | 46252486.09 | 46252486.18 | 0.3722 | 0.2246 |
| Mercury | 121929-12-24 14:07 G | 46255070.02 | 46255070.09 | 46255070.17 | 0.3645 | 0.2987 |
| Mercury | 121935-07-10 14:36 G | 46257093.98 | 46257094.11 | 46257094.25 | 0.3649 | 0.0106 |
| Mercury | 121941-01-23 15:48 G | 46259118.08 | 46259118.16 | 46259118.23 | 0.3654 | 0.3045 |
| Mercury | 121962-11-19 05:57 G | 46267087.69 | 46267087.75 | 46267087.82 | 0.3732 | 0.2932 |
| Mercury | 121968-06-04 00:26 G | 46269111.41 | 46269111.52 | 46269111.63 | 0.3728 | 0.0933 |
| Mercury | 121973-12-18 18:26 G | 46271135.16 | 46271135.27 | 46271135.38 | 0.3724 | 0.0989 |
| Mercury | 121979-07-04 12:12 G | 46273158.94 | 46273159.01 | 46273159.08 | 0.3721 | 0.2839 |

Mercury 121986-07-31 14:07 G 46275742.98 46275743.09 46275743.19 0.3646 0.2076
 Mercury 121992-02-14 14:36 G 46277766.98 46277767.11 46277767.24 0.3650 0.0891

123RD MILLENNIUM CE

This is a list of transits visible from Venus in the 123rd millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 122019-06-26 04:17 | G | 46287760.59 | 46287760.68 | 46287760.77 | 0.3731 | 0.2272 | |
| Mercury | 122025-01-08 22:31 | G | 46289784.33 | 46289784.44 | 46289784.55 | 0.3727 | 0.0300 | |
| Mercury | 122030-07-25 16:31 | G | 46291808.09 | 46291808.19 | 46291808.29 | 0.3724 | 0.1594 | |
| Mercury | 122036-02-08 10:17 | G | 46293831.89 | 46293831.93 | 46293831.97 | 0.3720 | 0.3429 | |
| Mercury | 122043-03-07 13:38 | G | 46296415.95 | 46296416.07 | 46296416.20 | 0.3647 | 0.1170 | |
| Mercury | 122048-09-20 14:36 | G | 46298439.99 | 46298440.11 | 46298440.23 | 0.3652 | 0.1876 | |
| Mercury | 122070-07-17 08:07 | G | 46306409.82 | 46306409.84 | 46306409.85 | 0.3733 | 0.3665 | |
| Mercury | 122076-01-31 02:36 | G | 46308433.51 | 46308433.61 | 46308433.71 | 0.3730 | 0.1632 | |
| Mercury | 122081-08-15 20:36 | G | 46310457.25 | 46310457.36 | 46310457.47 | 0.3726 | 0.0315 | |
| Mercury | 122087-03-01 14:36 | G | 46312481.02 | 46312481.11 | 46312481.20 | 0.3723 | 0.2199 | |
| Mercury | 122094-03-28 13:09 | G | 46315064.99 | 46315065.05 | 46315065.12 | 0.3644 | 0.3121 | |
| Mercury | 122099-10-12 13:38 | G | 46317088.94 | 46317089.07 | 46317089.21 | 0.3648 | 0.0219 | |
| Mercury | 122105-04-28 14:36 | G | 46319113.03 | 46319113.11 | 46319113.20 | 0.3653 | 0.2879 | |
| Mercury | 122127-02-22 06:12 | G | 46327082.70 | 46327082.76 | 46327082.83 | 0.3732 | 0.3000 | |
| Mercury | 122132-09-07 00:41 | G | 46329106.42 | 46329106.53 | 46329106.63 | 0.3729 | 0.1004 | |
| Mercury | 122138-03-23 18:41 | G | 46331130.17 | 46331130.28 | 46331130.39 | 0.3725 | 0.0935 | |
| Mercury | 122143-10-07 12:41 | G | 46333153.95 | 46333154.03 | 46333154.10 | 0.3721 | 0.2798 | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 122150-11-03 13:09 G | 46335737.94 | 46335738.05 | 46335738.15 | 0.3645 | 0.2208 |
| Mercury | 122156-05-19 13:38 G | 46337761.94 | 46337762.07 | 46337762.20 | 0.3649 | 0.0756 |
| Mercury | 122183-09-29 04:31 G | 46347755.60 | 46347755.69 | 46347755.78 | 0.3731 | 0.2344 |
| Mercury | 122189-04-13 22:45 G | 46349779.34 | 46349779.45 | 46349779.56 | 0.3728 | 0.0364 |
| Mercury | 122194-10-28 16:45 G | 46351803.10 | 46351803.20 | 46351803.30 | 0.3724 | 0.1551 |
| Mercury | 122200-05-14 10:31 G | 46353826.90 | 46353826.94 | 46353826.99 | 0.3720 | 0.3388 |
| Mercury | 122207-06-11 12:55 G | 46356410.91 | 46356411.04 | 46356411.16 | 0.3646 | 0.1284 |
| Mercury | 122212-12-25 13:38 G | 46358434.95 | 46358435.07 | 46358435.19 | 0.3651 | 0.1735 |
| Mercury | 122240-05-06 02:36 G | 46368428.51 | 46368428.61 | 46368428.71 | 0.3730 | 0.1697 |
| Mercury | 122245-11-19 20:50 G | 46370452.26 | 46370452.37 | 46370452.48 | 0.3727 | 0.0279 |
| Mercury | 122251-06-05 14:50 G | 46372476.03 | 46372476.12 | 46372476.21 | 0.3723 | 0.2162 |
| Mercury | 122258-07-02 12:26 G | 46375059.96 | 46375060.02 | 46375060.08 | 0.3643 | 0.3223 |
| Mercury | 122264-01-16 12:41 G | 46377083.90 | 46377084.03 | 46377084.17 | 0.3648 | 0.0366 |
| Mercury | 122269-08-01 13:38 G | 46379107.98 | 46379108.07 | 46379108.16 | 0.3652 | 0.2724 |
| Mercury | 122291-05-28 06:26 G | 46387077.71 | 46387077.77 | 46387077.84 | 0.3733 | 0.3064 |
| Mercury | 122296-12-11 00:55 G | 46389101.43 | 46389101.54 | 46389101.65 | 0.3729 | 0.1052 |
| Mercury | 122302-06-27 18:55 G | 46391125.19 | 46391125.29 | 46391125.40 | 0.3726 | 0.0908 |
| Mercury | 122308-01-11 12:55 G | 46393148.97 | 46393149.04 | 46393149.11 | 0.3722 | 0.2762 |
| Mercury | 122315-02-07 12:12 G | 46395732.91 | 46395733.01 | 46395733.11 | 0.3645 | 0.2338 |
| Mercury | 122320-08-23 12:41 G | 46397756.90 | 46397757.03 | 46397757.16 | 0.3649 | 0.0608 |
| Mercury | 122348-01-03 04:45 G | 46407750.61 | 46407750.70 | 46407750.78 | 0.3732 | 0.2405 |
| Mercury | 122353-07-18 23:00 G | 46409774.35 | 46409774.46 | 46409774.57 | 0.3729 | 0.0416 |
| Mercury | 122359-02-01 17:14 G | 46411798.11 | 46411798.22 | 46411798.32 | 0.3725 | 0.1520 |
| Mercury | 122364-08-17 11:00 G | 46413821.91 | 46413821.96 | 46413822.00 | 0.3721 | 0.3350 |
| Mercury | 122371-09-14 11:57 G | 46416405.88 | 46416406.00 | 46416406.12 | 0.3646 | 0.1419 |
| Mercury | 122377-03-30 12:41 G | 46418429.91 | 46418430.03 | 46418430.15 | 0.3650 | 0.1570 |
| Mercury | 122404-08-09 02:50 G | 46428423.52 | 46428423.62 | 46428423.72 | 0.3731 | 0.1762 |
| Mercury | 122410-02-22 21:05 G | 46430447.27 | 46430447.38 | 46430447.50 | 0.3728 | 0.0261 |
| Mercury | 122415-09-08 15:05 G | 46432471.04 | 46432471.13 | 46432471.22 | 0.3724 | 0.2113 |
| Mercury | 122422-10-05 11:43 G | 46435054.94 | 46435054.99 | 46435055.04 | 0.3643 | 0.3347 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 122428-04-20 11:57 G | 46437078.86 | 46437079.00 | 46437079.13 | 0.3647 | 0.0504 |
| Mercury | 122433-11-04 12:41 G | 46439102.93 | 46439103.03 | 46439103.12 | 0.3651 | 0.2554 |
| Mercury | 122455-08-31 06:41 G | 46447072.72 | 46447072.78 | 46447072.84 | 0.3734 | 0.3144 |
| Mercury | 122461-03-16 01:09 G | 46449096.44 | 46449096.55 | 46449096.65 | 0.3730 | 0.1123 |
| Mercury | 122466-09-29 19:09 G | 46451120.20 | 46451120.30 | 46451120.41 | 0.3726 | 0.0848 |
| Mercury | 122472-04-14 13:09 G | 46453143.98 | 46453144.05 | 46453144.13 | 0.3723 | 0.2717 |
| Mercury | 122479-05-12 11:29 G | 46455727.88 | 46455727.98 | 46455728.07 | 0.3644 | 0.2448 |
| Mercury | 122484-11-25 11:43 G | 46457751.86 | 46457751.99 | 46457752.13 | 0.3648 | 0.0470 |
| Mercury | 122490-06-11 12:41 G | 46459776.00 | 46459776.03 | 46459776.06 | 0.3652 | 0.3564 |
| Mercury | 122512-04-07 04:45 G | 46467745.62 | 46467745.70 | 46467745.79 | 0.3733 | 0.2483 |
| Mercury | 122517-10-21 23:14 G | 46469769.36 | 46469769.47 | 46469769.58 | 0.3729 | 0.0471 |
| Mercury | 122523-05-07 17:29 G | 46471793.12 | 46471793.23 | 46471793.33 | 0.3725 | 0.1466 |
| Mercury | 122528-11-20 11:14 G | 46473816.92 | 46473816.97 | 46473817.02 | 0.3722 | 0.3320 |
| Mercury | 122535-12-18 11:14 G | 46476400.85 | 46476400.97 | 46476401.09 | 0.3645 | 0.1528 |
| Mercury | 122541-07-03 11:43 G | 46478424.86 | 46478424.99 | 46478425.11 | 0.3649 | 0.1430 |
| Mercury | 122568-11-12 03:05 G | 46488418.53 | 46488418.63 | 46488418.73 | 0.3732 | 0.1819 |
| Mercury | 122574-05-28 21:19 G | 46490442.28 | 46490442.39 | 46490442.51 | 0.3728 | 0.0227 |
| Mercury | 122579-12-12 15:33 G | 46492466.05 | 46492466.15 | 46492466.24 | 0.3725 | 0.2079 |
| Mercury | 122587-01-08 11:00 G | 46495049.92 | 46495049.96 | 46495050.00 | 0.3642 | 0.3448 |
| Mercury | 122592-07-24 11:00 G | 46497073.83 | 46497073.96 | 46497074.09 | 0.3646 | 0.0606 |
| Mercury | 122598-02-07 11:29 G | 46499097.88 | 46499097.98 | 46499098.08 | 0.3650 | 0.2397 |
| Mercury | 122619-12-05 06:55 G | 46507067.73 | 46507067.79 | 46507067.84 | 0.3734 | 0.3210 |
| Mercury | 122625-06-20 01:24 G | 46509091.45 | 46509091.56 | 46509091.66 | 0.3731 | 0.1166 |
| Mercury | 122631-01-03 19:38 G | 46511115.21 | 46511115.32 | 46511115.43 | 0.3727 | 0.0804 |
| Mercury | 122636-07-19 13:38 G | 46513138.99 | 46513139.07 | 46513139.14 | 0.3724 | 0.2687 |
| Mercury | 122643-08-16 10:31 G | 46515722.85 | 46515722.94 | 46515723.04 | 0.3643 | 0.2553 |
| Mercury | 122649-03-01 10:45 G | 46517746.82 | 46517746.95 | 46517747.08 | 0.3647 | 0.0320 |
| Mercury | 122654-09-15 11:43 G | 46519770.94 | 46519770.99 | 46519771.03 | 0.3651 | 0.3399 |
| Mercury | 122676-07-11 05:00 G | 46527740.63 | 46527740.71 | 46527740.80 | 0.3734 | 0.2543 |
| Mercury | 122682-01-24 23:29 G | 46529764.37 | 46529764.48 | 46529764.59 | 0.3730 | 0.0524 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 122687-08-10 17:43 G | 46531788.13 | 46531788.24 | 46531788.34 | 0.3726 | 0.1415 |
| Mercury | 122693-02-23 11:43 G | 46533811.94 | 46533811.99 | 46533812.03 | 0.3723 | 0.3290 |
| Mercury | 122700-03-23 10:17 G | 46536395.81 | 46536395.93 | 46536396.05 | 0.3644 | 0.1661 |
| Mercury | 122705-10-07 10:45 G | 46538419.82 | 46538419.95 | 46538420.07 | 0.3648 | 0.1280 |
| Mercury | 122733-02-16 03:19 G | 46548413.54 | 46548413.64 | 46548413.74 | 0.3733 | 0.1877 |
| Mercury | 122738-09-01 21:33 G | 46550437.29 | 46550437.40 | 46550437.51 | 0.3729 | 0.0141 |
| Mercury | 122744-03-17 15:48 G | 46552461.07 | 46552461.16 | 46552461.25 | 0.3726 | 0.2033 |
| Mercury | 122751-04-14 10:02 G | 46555044.90 | 46555044.92 | 46555044.95 | 0.3641 | 0.3556 |
| Mercury | 122756-10-28 10:02 G | 46557068.79 | 46557068.92 | 46557069.05 | 0.3645 | 0.0742 |
| Mercury | 122762-05-14 10:45 G | 46559092.84 | 46559092.95 | 46559093.05 | 0.3649 | 0.2260 |
| Mercury | 122784-03-09 06:55 G | 46567062.74 | 46567062.79 | 46567062.84 | 0.3735 | 0.3283 |
| Mercury | 122789-09-23 01:24 G | 46569086.46 | 46569086.56 | 46569086.67 | 0.3732 | 0.1239 |
| Mercury | 122795-04-08 19:53 G | 46571110.22 | 46571110.33 | 46571110.44 | 0.3728 | 0.0753 |
| Mercury | 122800-10-22 13:53 G | 46573134.00 | 46573134.08 | 46573134.16 | 0.3724 | 0.2644 |
| Mercury | 122807-11-19 09:48 G | 46575717.82 | 46575717.91 | 46575718.00 | 0.3642 | 0.2666 |
| Mercury | 122813-06-04 09:48 G | 46577741.78 | 46577741.91 | 46577742.05 | 0.3646 | 0.0231 |
| Mercury | 122818-12-19 10:31 G | 46579765.89 | 46579765.94 | 46579766.00 | 0.3650 | 0.3252 |
| Mercury | 122840-10-14 05:14 G | 46587735.64 | 46587735.72 | 46587735.80 | 0.3734 | 0.2611 |
| Mercury | 122846-04-29 23:43 G | 46589759.38 | 46589759.49 | 46589759.60 | 0.3731 | 0.0583 |
| Mercury | 122851-11-13 17:57 G | 46591783.15 | 46591783.25 | 46591783.35 | 0.3727 | 0.1374 |
| Mercury | 122857-05-29 11:57 G | 46593806.95 | 46593807.00 | 46593807.05 | 0.3723 | 0.3251 |
| Mercury | 122864-06-25 09:33 G | 46596390.78 | 46596390.90 | 46596391.01 | 0.3643 | 0.1765 |
| Mercury | 122870-01-09 09:48 G | 46598414.78 | 46598414.91 | 46598415.04 | 0.3647 | 0.1153 |
| Mercury | 122897-05-21 03:33 G | 46608408.55 | 46608408.65 | 46608408.74 | 0.3733 | 0.1942 |
| Mercury | 122902-12-05 21:48 G | 46610432.30 | 46610432.41 | 46610432.53 | 0.3730 | 0.0157 |
| Mercury | 122908-06-20 16:02 G | 46612456.08 | 46612456.17 | 46612456.26 | 0.3726 | 0.2001 |
| Mercury | 122921-01-31 09:19 G | 46617063.76 | 46617063.89 | 46617064.02 | 0.3644 | 0.0870 |
| Mercury | 122926-08-17 09:48 G | 46619087.80 | 46619087.91 | 46619088.02 | 0.3648 | 0.2122 |
| Mercury | 122948-06-12 07:09 G | 46627057.75 | 46627057.80 | 46627057.85 | 0.3736 | 0.3346 |
| Mercury | 122953-12-27 01:38 G | 46629081.47 | 46629081.57 | 46629081.68 | 0.3732 | 0.1290 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 122959-07-12 20:07 G | 46631105.23 | 46631105.34 | 46631105.45 | 0.3729 | 0.0705 |
| Mercury | 122965-01-25 14:07 G | 46633129.01 | 46633129.09 | 46633129.17 | 0.3725 | 0.2615 |
| Mercury | 122972-02-22 09:05 G | 46635712.79 | 46635712.88 | 46635712.96 | 0.3642 | 0.2783 |
| Mercury | 122977-09-07 09:05 G | 46637736.74 | 46637736.88 | 46637737.01 | 0.3646 | 0.0087 |
| Mercury | 122983-03-24 09:33 G | 46639760.83 | 46639760.90 | 46639760.97 | 0.3649 | 0.3086 |

124TH MILLENNIUM CE

This is a list of transits visible from Venus in the 124th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|-------------|-------------|-------------|--------|--------|-------|---|
| Mercury | 123005-01-18 05:29 G | 46647730.65 | 46647730.73 | 46647730.81 | 0.3735 | 0.2668 | | |
| Mercury | 123010-08-03 23:57 G | 46649754.39 | 46649754.50 | 46649754.61 | 0.3732 | 0.0637 | | |
| Mercury | 123016-02-17 18:12 G | 46651778.16 | 46651778.26 | 46651778.37 | 0.3728 | 0.1337 | | |
| Mercury | 123021-09-02 12:12 G | 46653801.96 | 46653802.01 | 46653802.06 | 0.3724 | 0.3211 | | |
| Mercury | 123028-09-29 08:36 G | 46656385.75 | 46656385.86 | 46656385.98 | 0.3643 | 0.1891 | | |
| Mercury | 123034-04-15 08:50 G | 46658409.74 | 46658409.87 | 46658410.00 | 0.3646 | 0.1009 | | |
| Mercury | 123061-08-25 03:33 G | 46668403.56 | 46668403.65 | 46668403.75 | 0.3734 | 0.2016 | | |
| Mercury | 123067-03-10 22:02 G | 46670427.31 | 46670427.42 | 46670427.54 | 0.3731 | 0.0108 | | |
| Mercury | 123072-09-23 16:17 G | 46672451.09 | 46672451.18 | 46672451.27 | 0.3727 | 0.1948 | | |
| Mercury | 123085-05-06 08:21 G | 46677058.72 | 46677058.85 | 46677058.98 | 0.3644 | 0.0984 | | |
| Mercury | 123090-11-20 08:50 G | 46679082.75 | 46679082.87 | 46679082.98 | 0.3647 | 0.1974 | | |
| Mercury | 123112-09-16 07:09 G | 46687052.76 | 46687052.80 | 46687052.85 | 0.3737 | 0.3429 | | |
| Mercury | 123118-04-02 01:53 G | 46689076.48 | 46689076.58 | 46689076.68 | 0.3733 | 0.1350 | | |
| Mercury | 123123-10-16 20:21 G | 46691100.24 | 46691100.35 | 46691100.46 | 0.3729 | 0.0657 | | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 123129-05-01 14:21 G | 46693124.02 | 46693124.10 | 46693124.18 | 0.3726 | 0.2569 |
| Mercury | 123136-05-28 08:21 G | 46695707.77 | 46695707.85 | 46695707.93 | 0.3641 | 0.2873 |
| Mercury | 123141-12-12 08:07 G | 46697731.71 | 46697731.84 | 46697731.98 | 0.3645 | 0.0137 |
| Mercury | 123147-06-28 08:36 G | 46699755.79 | 46699755.86 | 46699755.94 | 0.3649 | 0.2951 |
| Mercury | 123169-04-23 05:29 G | 46707725.66 | 46707725.73 | 46707725.81 | 0.3736 | 0.2746 |
| Mercury | 123174-11-07 00:12 G | 46709749.40 | 46709749.51 | 46709749.62 | 0.3732 | 0.0692 |
| Mercury | 123180-05-22 18:26 G | 46711773.17 | 46711773.27 | 46711773.38 | 0.3728 | 0.1286 |
| Mercury | 123185-12-06 12:26 G | 46713796.97 | 46713797.02 | 46713797.08 | 0.3725 | 0.3184 |
| Mercury | 123193-01-02 07:53 G | 46716380.72 | 46716380.83 | 46716380.94 | 0.3642 | 0.1988 |
| Mercury | 123198-07-19 08:07 G | 46718404.71 | 46718404.84 | 46718404.97 | 0.3646 | 0.0897 |
| Mercury | 123225-11-28 03:48 G | 46728398.57 | 46728398.66 | 46728398.75 | 0.3735 | 0.2069 |
| Mercury | 123231-06-13 22:17 G | 46730422.32 | 46730422.43 | 46730422.55 | 0.3731 | 0.0108 |
| Mercury | 123236-12-27 16:31 G | 46732446.10 | 46732446.19 | 46732446.29 | 0.3727 | 0.1916 |
| Mercury | 123249-08-09 07:38 G | 46737053.69 | 46737053.82 | 46737053.95 | 0.3643 | 0.1083 |
| Mercury | 123255-02-23 07:53 G | 46739077.71 | 46739077.83 | 46739077.94 | 0.3647 | 0.1831 |
| Mercury | 123276-12-19 07:24 G | 46747047.77 | 46747047.81 | 46747047.85 | 0.3737 | 0.3491 |
| Mercury | 123282-07-05 02:07 G | 46749071.49 | 46749071.59 | 46749071.69 | 0.3734 | 0.1398 |
| Mercury | 123288-01-18 20:36 G | 46751095.25 | 46751095.36 | 46751095.47 | 0.3730 | 0.0613 |
| Mercury | 123293-08-03 14:36 G | 46753119.03 | 46753119.11 | 46753119.19 | 0.3727 | 0.2539 |
| Mercury | 123300-08-31 07:38 G | 46755702.74 | 46755702.82 | 46755702.89 | 0.3640 | 0.2973 |
| Mercury | 123306-03-17 07:24 G | 46757726.67 | 46757726.81 | 46757726.94 | 0.3644 | 0.0202 |
| Mercury | 123311-10-01 07:38 G | 46759750.74 | 46759750.82 | 46759750.91 | 0.3648 | 0.2795 |
| Mercury | 123333-07-27 05:43 G | 46767720.67 | 46767720.74 | 46767720.81 | 0.3736 | 0.2810 |
| Mercury | 123339-02-10 00:26 G | 46769744.41 | 46769744.52 | 46769744.63 | 0.3733 | 0.0744 |
| Mercury | 123344-08-25 18:41 G | 46771768.17 | 46771768.28 | 46771768.38 | 0.3729 | 0.1236 |
| Mercury | 123350-03-11 12:41 G | 46773791.98 | 46773792.03 | 46773792.09 | 0.3726 | 0.3155 |
| Mercury | 123357-04-07 07:09 G | 46776375.69 | 46776375.80 | 46776375.91 | 0.3641 | 0.2102 |
| Mercury | 123362-10-22 07:09 G | 46778399.67 | 46778399.80 | 46778399.93 | 0.3645 | 0.0758 |
| Mercury | 123390-03-03 04:02 G | 46788393.58 | 46788393.67 | 46788393.76 | 0.3736 | 0.2130 |
| Mercury | 123395-09-16 22:31 G | 46790417.33 | 46790417.44 | 46790417.55 | 0.3732 | 0.0093 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 123401-04-02 16:45 G | 46792441.11 | 46792441.20 | 46792441.30 | 0.3728 | 0.1872 |
| Mercury | 123413-11-13 06:55 G | 46797048.66 | 46797048.79 | 46797048.91 | 0.3642 | 0.1203 |
| Mercury | 123419-05-30 06:55 G | 46799072.67 | 46799072.79 | 46799072.91 | 0.3646 | 0.1704 |
| Mercury | 123441-03-25 07:24 G | 46807042.78 | 46807042.81 | 46807042.84 | 0.3738 | 0.3572 |
| Mercury | 123446-10-09 02:21 G | 46809066.49 | 46809066.60 | 46809066.70 | 0.3734 | 0.1475 |
| Mercury | 123452-04-23 20:36 G | 46811090.25 | 46811090.36 | 46811090.48 | 0.3731 | 0.0575 |
| Mercury | 123457-11-07 15:05 G | 46813114.04 | 46813114.13 | 46813114.21 | 0.3727 | 0.2502 |
| Mercury | 123464-12-04 06:55 G | 46815697.72 | 46815697.79 | 46815697.86 | 0.3639 | 0.3071 |
| Mercury | 123470-06-20 06:26 G | 46817721.64 | 46817721.77 | 46817721.91 | 0.3643 | 0.0310 |
| Mercury | 123476-01-04 06:55 G | 46819745.70 | 46819745.79 | 46819745.87 | 0.3647 | 0.2676 |
| Mercury | 123497-10-30 05:43 G | 46827715.67 | 46827715.74 | 46827715.82 | 0.3737 | 0.2883 |
| Mercury | 123503-05-17 00:26 G | 46829739.41 | 46829739.52 | 46829739.63 | 0.3733 | 0.0804 |
| Mercury | 123508-11-29 18:55 G | 46831763.18 | 46831763.29 | 46831763.40 | 0.3730 | 0.1200 |
| Mercury | 123514-06-15 13:09 G | 46833786.99 | 46833787.05 | 46833787.11 | 0.3726 | 0.3122 |
| Mercury | 123521-07-12 06:26 G | 46836370.67 | 46836370.77 | 46836370.88 | 0.3640 | 0.2188 |
| Mercury | 123527-01-26 06:12 G | 46838394.63 | 46838394.76 | 46838394.90 | 0.3644 | 0.0652 |
| Mercury | 123554-06-07 04:17 G | 46848388.58 | 46848388.68 | 46848388.77 | 0.3736 | 0.2199 |
| Mercury | 123559-12-21 22:45 G | 46850412.34 | 46850412.45 | 46850412.56 | 0.3732 | 0.0138 |
| Mercury | 123565-07-06 17:00 G | 46852436.12 | 46852436.21 | 46852436.31 | 0.3729 | 0.1845 |
| Mercury | 123578-02-16 05:57 G | 46857043.63 | 46857043.75 | 46857043.88 | 0.3641 | 0.1313 |
| Mercury | 123583-09-02 05:57 G | 46859067.63 | 46859067.75 | 46859067.87 | 0.3645 | 0.1585 |
| Mercury | 123605-06-28 07:38 G | 46867037.80 | 46867037.82 | 46867037.84 | 0.3739 | 0.3633 |
| Mercury | 123611-01-12 02:21 G | 46869061.50 | 46869061.60 | 46869061.71 | 0.3735 | 0.1522 |
| Mercury | 123616-07-27 20:50 G | 46871085.26 | 46871085.37 | 46871085.49 | 0.3732 | 0.0537 |
| Mercury | 123622-02-10 15:19 G | 46873109.06 | 46873109.14 | 46873109.22 | 0.3728 | 0.2473 |
| Mercury | 123629-03-09 06:12 G | 46875692.69 | 46875692.76 | 46875692.82 | 0.3639 | 0.3168 |
| Mercury | 123634-09-23 05:43 G | 46877716.61 | 46877716.74 | 46877716.87 | 0.3642 | 0.0401 |
| Mercury | 123640-04-08 05:57 G | 46879740.65 | 46879740.75 | 46879740.84 | 0.3646 | 0.2534 |
| Mercury | 123662-02-02 05:57 G | 46887710.68 | 46887710.75 | 46887710.82 | 0.3738 | 0.2938 |
| Mercury | 123667-08-19 00:41 G | 46889734.42 | 46889734.53 | 46889734.64 | 0.3734 | 0.0856 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 123673-03-03 19:09 G | 46891758.19 | 46891758.30 | 46891758.41 | 0.3731 | 0.1161 |
| Mercury | 123678-09-17 13:24 G | 46893782.00 | 46893782.06 | 46893782.12 | 0.3727 | 0.3084 |
| Mercury | 123685-10-14 05:43 G | 46896365.64 | 46896365.74 | 46896365.84 | 0.3640 | 0.2295 |
| Mercury | 123691-04-30 05:29 G | 46898389.60 | 46898389.73 | 46898389.86 | 0.3643 | 0.0518 |
| Mercury | 123696-11-13 05:43 G | 46900413.71 | 46900413.74 | 46900413.77 | 0.3647 | 0.3506 |
| Mercury | 123718-09-10 04:17 G | 46908383.59 | 46908383.68 | 46908383.77 | 0.3737 | 0.2267 |
| Mercury | 123724-03-25 23:00 G | 46910407.34 | 46910407.46 | 46910407.57 | 0.3733 | 0.0229 |
| Mercury | 123729-10-09 17:14 G | 46912431.12 | 46912431.22 | 46912431.32 | 0.3730 | 0.1791 |
| Mercury | 123735-04-25 11:29 G | 46914454.97 | 46914454.98 | 46914454.99 | 0.3726 | 0.3699 |
| Mercury | 123742-05-22 05:14 G | 46917038.60 | 46917038.72 | 46917038.84 | 0.3640 | 0.1410 |
| Mercury | 123747-12-06 05:14 G | 46919062.60 | 46919062.72 | 46919062.84 | 0.3644 | 0.1458 |
| Mercury | 123769-10-01 07:38 G | 46927032.81 | 46927032.82 | 46927032.83 | 0.3739 | 0.3715 |
| Mercury | 123775-04-17 02:36 G | 46929056.51 | 46929056.61 | 46929056.71 | 0.3736 | 0.1587 |
| Mercury | 123780-10-30 21:05 G | 46931080.27 | 46931080.38 | 46931080.49 | 0.3732 | 0.0474 |
| Mercury | 123786-05-16 15:33 G | 46933104.06 | 46933104.15 | 46933104.23 | 0.3729 | 0.2431 |
| Mercury | 123793-06-12 05:29 G | 46935687.67 | 46935687.73 | 46935687.79 | 0.3638 | 0.3242 |
| Mercury | 123798-12-27 05:00 G | 46937711.58 | 46937711.71 | 46937711.84 | 0.3641 | 0.0501 |
| Mercury | 123804-07-13 05:00 G | 46939735.61 | 46939735.71 | 46939735.81 | 0.3645 | 0.2414 |
| Mercury | 123826-05-09 05:57 G | 46947705.69 | 46947705.75 | 46947705.82 | 0.3738 | 0.3019 |
| Mercury | 123831-11-23 00:55 G | 46949729.43 | 46949729.54 | 46949729.65 | 0.3735 | 0.0912 |
| Mercury | 123837-06-07 19:24 G | 46951753.20 | 46951753.31 | 46951753.41 | 0.3731 | 0.1115 |
| Mercury | 123842-12-22 13:38 G | 46953777.01 | 46953777.07 | 46953777.13 | 0.3728 | 0.3056 |
| Mercury | 123850-01-18 05:00 G | 46956360.61 | 46956360.71 | 46956360.81 | 0.3639 | 0.2377 |
| Mercury | 123855-08-04 04:45 G | 46958384.56 | 46958384.70 | 46958384.83 | 0.3643 | 0.0423 |
| Mercury | 123861-02-17 04:45 G | 46960408.65 | 46960408.70 | 46960408.75 | 0.3647 | 0.3374 |
| Mercury | 123882-12-14 04:17 G | 46968378.60 | 46968378.68 | 46968378.77 | 0.3738 | 0.2326 |
| Mercury | 123888-06-28 23:14 G | 46970402.35 | 46970402.47 | 46970402.58 | 0.3734 | 0.0274 |
| Mercury | 123894-01-12 17:29 G | 46972426.14 | 46972426.23 | 46972426.33 | 0.3730 | 0.1764 |
| Mercury | 123899-07-29 11:43 G | 46974449.98 | 46974449.99 | 46974450.00 | 0.3727 | 0.3680 |
| Mercury | 123906-08-26 04:31 G | 46977033.58 | 46977033.69 | 46977033.81 | 0.3640 | 0.1502 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 123912-03-11 04:17 G | 46979057.56 | 46979057.68 | 46979057.81 | 0.3644 | 0.1336 |
| Mercury | 123939-07-22 02:50 G | 46989051.51 | 46989051.62 | 46989051.72 | 0.3737 | 0.1640 |
| Mercury | 123945-02-03 21:19 G | 46991075.28 | 46991075.39 | 46991075.50 | 0.3733 | 0.0431 |
| Mercury | 123950-08-20 15:48 G | 46993099.07 | 46993099.16 | 46993099.24 | 0.3730 | 0.2395 |
| Mercury | 123957-09-16 04:45 G | 46995682.65 | 46995682.70 | 46995682.75 | 0.3637 | 0.3332 |
| Mercury | 123963-04-02 04:17 G | 46997706.54 | 46997706.68 | 46997706.81 | 0.3641 | 0.0631 |
| Mercury | 123968-10-16 04:02 G | 46999730.57 | 46999730.67 | 46999730.78 | 0.3645 | 0.2279 |
| Mercury | 123990-08-12 06:12 G | 47007700.70 | 47007700.76 | 47007700.82 | 0.3739 | 0.3085 |
| Mercury | 123996-02-26 00:55 G | 47009724.44 | 47009724.54 | 47009724.65 | 0.3736 | 0.0966 |

125TH MILLENNIUM CE

This is a list of transits visible from Venus in the 125th millennium CE.

| PLANET | MAX- TRANSIT TIME | C | START | MAX | END | SUNRAD | DEPTH | S |
|---------|-------------------------|---|-------------|-------------|-------------|--------|--------|---|
| Mercury | 124001-09-10 19:24 G | | 47011748.21 | 47011748.31 | 47011748.42 | 0.3732 | 0.1078 | |
| Mercury | 124007-03-27 13:53 G | | 47013772.02 | 47013772.08 | 47013772.14 | 0.3729 | 0.3025 | |
| Mercury | 124014-04-23 04:17 G | | 47016355.59 | 47016355.68 | 47016355.78 | 0.3638 | 0.2477 | |
| Mercury | 124019-11-07 03:48 G | | 47018379.53 | 47018379.66 | 47018379.79 | 0.3642 | 0.0306 | |
| Mercury | 124025-05-23 04:02 G | | 47020403.61 | 47020403.67 | 47020403.72 | 0.3646 | 0.3246 | |
| Mercury | 124047-03-19 04:31 G | | 47028373.60 | 47028373.69 | 47028373.78 | 0.3738 | 0.2385 | |
| Mercury | 124052-10-01 23:14 G | | 47030397.36 | 47030397.47 | 47030397.58 | 0.3735 | 0.0297 | |
| Mercury | 124058-04-17 17:43 G | | 47032421.14 | 47032421.24 | 47032421.34 | 0.3731 | 0.1715 | |
| Mercury | 124063-11-01 11:57 G | | 47034444.98 | 47034445.00 | 47034445.02 | 0.3727 | 0.3646 | |
| Mercury | 124070-11-28 03:48 G | | 47037028.55 | 47037028.66 | 47037028.78 | 0.3639 | 0.1603 | |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 124076-06-13 03:33 G | 47039052.53 | 47039052.65 | 47039052.77 | 0.3643 | 0.1229 |
| Mercury | 124103-10-25 02:50 G | 47049046.52 | 47049046.62 | 47049046.72 | 0.3737 | 0.1704 |
| Mercury | 124109-05-09 21:33 G | 47051070.28 | 47051070.40 | 47051070.51 | 0.3734 | 0.0382 |
| Mercury | 124114-11-23 16:02 G | 47053094.08 | 47053094.17 | 47053094.25 | 0.3730 | 0.2365 |
| Mercury | 124121-12-20 04:17 G | 47055677.64 | 47055677.68 | 47055677.72 | 0.3636 | 0.3408 |
| Mercury | 124127-07-06 03:33 G | 47057701.52 | 47057701.65 | 47057701.78 | 0.3640 | 0.0704 |
| Mercury | 124133-01-19 03:19 G | 47059725.53 | 47059725.64 | 47059725.75 | 0.3644 | 0.2175 |
| Mercury | 124154-11-15 06:12 G | 47067695.70 | 47067695.76 | 47067695.82 | 0.3740 | 0.3149 |
| Mercury | 124160-05-31 01:09 G | 47069719.44 | 47069719.55 | 47069719.66 | 0.3736 | 0.1018 |
| Mercury | 124165-12-14 19:38 G | 47071743.22 | 47071743.32 | 47071743.43 | 0.3733 | 0.1043 |
| Mercury | 124171-06-30 14:07 G | 47073767.03 | 47073767.09 | 47073767.15 | 0.3729 | 0.2999 |
| Mercury | 124178-07-27 03:48 G | 47076350.56 | 47076350.66 | 47076350.75 | 0.3637 | 0.2554 |
| Mercury | 124184-02-10 03:05 G | 47078374.50 | 47078374.63 | 47078374.76 | 0.3641 | 0.0206 |
| Mercury | 124189-08-26 03:05 G | 47080398.56 | 47080398.63 | 47080398.70 | 0.3645 | 0.3128 |
| Mercury | 124211-06-23 04:31 G | 47088368.61 | 47088368.69 | 47088368.78 | 0.3739 | 0.2451 |
| Mercury | 124217-01-05 23:29 G | 47090392.36 | 47090392.48 | 47090392.59 | 0.3735 | 0.0353 |
| Mercury | 124222-07-22 17:57 G | 47092416.15 | 47092416.25 | 47092416.35 | 0.3732 | 0.1685 |
| Mercury | 124228-02-05 12:12 G | 47094439.99 | 47094440.01 | 47094440.03 | 0.3728 | 0.3628 |
| Mercury | 124235-03-04 03:05 G | 47097023.52 | 47097023.63 | 47097023.75 | 0.3638 | 0.1699 |
| Mercury | 124240-09-17 02:50 G | 47099047.49 | 47099047.62 | 47099047.74 | 0.3642 | 0.1122 |
| Mercury | 124268-01-28 03:05 G | 47109041.53 | 47109041.63 | 47109041.73 | 0.3738 | 0.1758 |
| Mercury | 124273-08-12 21:48 G | 47111065.29 | 47111065.41 | 47111065.52 | 0.3735 | 0.0357 |
| Mercury | 124279-02-26 16:17 G | 47113089.09 | 47113089.18 | 47113089.26 | 0.3731 | 0.2338 |
| Mercury | 124286-03-25 03:33 G | 47115672.62 | 47115672.65 | 47115672.68 | 0.3636 | 0.3496 |
| Mercury | 124291-10-09 02:50 G | 47117696.49 | 47117696.62 | 47117696.74 | 0.3639 | 0.0809 |
| Mercury | 124297-04-24 02:21 G | 47119720.49 | 47119720.60 | 47119720.71 | 0.3643 | 0.2045 |
| Mercury | 124319-02-19 06:26 G | 47127690.71 | 47127690.77 | 47127690.82 | 0.3741 | 0.3210 |
| Mercury | 124324-09-04 01:09 G | 47129714.44 | 47129714.55 | 47129714.66 | 0.3737 | 0.1083 |
| Mercury | 124330-03-20 19:53 G | 47131738.22 | 47131738.33 | 47131738.44 | 0.3734 | 0.0993 |
| Mercury | 124335-10-04 14:21 G | 47133762.03 | 47133762.10 | 47133762.16 | 0.3730 | 0.2961 |

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| Mercury | 124342-10-31 03:05 G | 47136345.54 | 47136345.63 | 47136345.71 | 0.3637 | 0.2649 |
| Mercury | 124348-05-16 02:21 G | 47138369.47 | 47138369.60 | 47138369.73 | 0.3640 | 0.0095 |
| Mercury | 124353-11-30 02:07 G | 47140393.52 | 47140393.59 | 47140393.67 | 0.3644 | 0.3000 |
| Mercury | 124375-09-26 04:45 G | 47148363.61 | 47148363.70 | 47148363.78 | 0.3740 | 0.2523 |
| Mercury | 124381-04-10 23:29 G | 47150387.37 | 47150387.48 | 47150387.59 | 0.3736 | 0.0402 |
| Mercury | 124386-10-25 18:12 G | 47152411.16 | 47152411.26 | 47152411.36 | 0.3732 | 0.1644 |
| Mercury | 124392-05-10 12:26 G | 47154434.99 | 47154435.02 | 47154435.05 | 0.3729 | 0.3595 |
| Mercury | 124399-06-07 02:36 G | 47157018.49 | 47157018.61 | 47157018.72 | 0.3638 | 0.1773 |
| Mercury | 124404-12-21 02:07 G | 47159042.46 | 47159042.59 | 47159042.71 | 0.3641 | 0.1020 |
| Mercury | 124432-05-02 03:05 G | 47169036.53 | 47169036.63 | 47169036.73 | 0.3739 | 0.1824 |
| Mercury | 124437-11-15 21:48 G | 47171060.30 | 47171060.41 | 47171060.52 | 0.3735 | 0.0289 |
| Mercury | 124443-06-01 16:17 G | 47173084.10 | 47173084.18 | 47173084.27 | 0.3732 | 0.2293 |
| Mercury | 124450-06-28 03:05 G | 47175667.60 | 47175667.63 | 47175667.65 | 0.3635 | 0.3564 |
| Mercury | 124456-01-12 02:07 G | 47177691.46 | 47177691.59 | 47177691.72 | 0.3638 | 0.0886 |
| Mercury | 124461-07-28 01:38 G | 47179715.46 | 47179715.57 | 47179715.68 | 0.3642 | 0.1944 |
| Mercury | 124483-05-24 06:26 G | 47187685.71 | 47187685.77 | 47187685.82 | 0.3741 | 0.3292 |
| Mercury | 124488-12-07 01:24 G | 47189709.45 | 47189709.56 | 47189709.67 | 0.3738 | 0.1127 |
| Mercury | 124494-06-22 20:07 G | 47191733.23 | 47191733.34 | 47191733.45 | 0.3734 | 0.0949 |
| Mercury | 124500-01-06 14:36 G | 47193757.04 | 47193757.11 | 47193757.17 | 0.3731 | 0.2939 |
| Mercury | 124507-02-03 02:21 G | 47196340.52 | 47196340.60 | 47196340.69 | 0.3636 | 0.2715 |
| Mercury | 124512-08-19 01:38 G | 47198364.44 | 47198364.57 | 47198364.70 | 0.3640 | 0.0069 |
| Mercury | 124518-03-05 01:24 G | 47200388.48 | 47200388.56 | 47200388.64 | 0.3644 | 0.2884 |
| Mercury | 124539-12-30 04:45 G | 47208358.62 | 47208358.70 | 47208358.78 | 0.3740 | 0.2575 |
| Mercury | 124545-07-14 23:43 G | 47210382.38 | 47210382.49 | 47210382.60 | 0.3737 | 0.0435 |
| Mercury | 124551-01-28 18:26 G | 47212406.17 | 47212406.27 | 47212406.37 | 0.3733 | 0.1615 |
| Mercury | 124556-08-13 12:41 G | 47214430.00 | 47214430.03 | 47214430.06 | 0.3730 | 0.3576 |
| Mercury | 124563-09-10 01:53 G | 47217013.47 | 47217013.58 | 47217013.69 | 0.3637 | 0.1850 |
| Mercury | 124569-03-26 01:09 G | 47219037.42 | 47219037.55 | 47219037.68 | 0.3641 | 0.0902 |
| Mercury | 124596-08-05 03:05 G | 47229031.53 | 47229031.63 | 47229031.73 | 0.3740 | 0.1877 |
| Mercury | 124602-02-19 22:02 G | 47231055.31 | 47231055.42 | 47231055.53 | 0.3736 | 0.0245 |

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|---------|----------------------|-------------|-------------|-------------|--------|--------|
| Mercury | 124607-09-05 16:31 G | 47233079.10 | 47233079.19 | 47233079.28 | 0.3733 | 0.2257 |
| Mercury | 124620-04-17 01:24 G | 47237686.43 | 47237686.56 | 47237686.68 | 0.3638 | 0.0985 |
| Mercury | 124625-11-01 00:55 G | 47239710.42 | 47239710.54 | 47239710.65 | 0.3642 | 0.1830 |
| Mercury | 124647-08-28 06:26 G | 47247680.72 | 47247680.77 | 47247680.82 | 0.3742 | 0.3360 |
| Mercury | 124653-03-13 01:24 G | 47249704.46 | 47249704.56 | 47249704.67 | 0.3739 | 0.1184 |
| Mercury | 124658-09-26 20:07 G | 47251728.23 | 47251728.34 | 47251728.45 | 0.3735 | 0.0911 |
| Mercury | 124664-04-11 14:50 G | 47253752.05 | 47253752.12 | 47253752.18 | 0.3732 | 0.2910 |
| Mercury | 124671-05-09 01:52 G | 47256335.50 | 47256335.58 | 47256335.66 | 0.3635 | 0.2795 |
| Mercury | 124676-11-22 00:55 G | 47258359.41 | 47258359.54 | 47258359.67 | 0.3639 | 0.0094 |
| Mercury | 124682-06-08 00:40 G | 47260383.44 | 47260383.53 | 47260383.61 | 0.3643 | 0.2778 |
| Mercury | 124704-04-04 04:45 G | 47268353.62 | 47268353.70 | 47268353.78 | 0.3741 | 0.2647 |
| Mercury | 124709-10-18 23:43 G | 47270377.38 | 47270377.49 | 47270377.61 | 0.3737 | 0.0503 |
| Mercury | 124715-05-04 18:26 G | 47272401.17 | 47272401.27 | 47272401.37 | 0.3734 | 0.1565 |
| Mercury | 124720-11-17 12:55 G | 47274425.01 | 47274425.04 | 47274425.07 | 0.3730 | 0.3546 |
| Mercury | 124727-12-15 01:09 G | 47277008.44 | 47277008.55 | 47277008.66 | 0.3636 | 0.1939 |
| Mercury | 124733-06-30 00:26 G | 47279032.39 | 47279032.52 | 47279032.65 | 0.3640 | 0.0820 |
| Mercury | 124760-11-09 03:04 G | 47289026.54 | 47289026.63 | 47289026.73 | 0.3740 | 0.1944 |
| Mercury | 124766-05-25 22:02 G | 47291050.31 | 47291050.42 | 47291050.54 | 0.3737 | 0.0200 |
| Mercury | 124771-12-09 16:45 G | 47293074.11 | 47293074.20 | 47293074.29 | 0.3733 | 0.2232 |
| Mercury | 124784-07-21 00:40 G | 47297681.41 | 47297681.53 | 47297681.66 | 0.3637 | 0.1064 |
| Mercury | 124790-02-04 00:12 G | 47299705.39 | 47299705.51 | 47299705.62 | 0.3641 | 0.1743 |
| Mercury | 124811-12-01 06:26 G | 47307675.73 | 47307675.77 | 47307675.82 | 0.3743 | 0.3424 |
| Mercury | 124817-06-16 01:38 G | 47309699.46 | 47309699.57 | 47309699.68 | 0.3739 | 0.1235 |
| Mercury | 124822-12-30 20:21 G | 47311723.24 | 47311723.35 | 47311723.46 | 0.3736 | 0.0867 |
| Mercury | 124828-07-15 15:04 G | 47313747.06 | 47313747.13 | 47313747.19 | 0.3732 | 0.2889 |
| Mercury | 124835-08-12 01:09 G | 47316330.48 | 47316330.55 | 47316330.63 | 0.3634 | 0.2859 |
| Mercury | 124841-02-25 00:12 G | 47318354.38 | 47318354.51 | 47318354.64 | 0.3638 | 0.0187 |
| Mercury | 124846-09-10 23:43 G | 47320378.41 | 47320378.49 | 47320378.58 | 0.3642 | 0.2682 |
| Mercury | 124868-07-07 05:00 G | 47328348.63 | 47328348.71 | 47328348.78 | 0.3742 | 0.2704 |
| Mercury | 124874-01-20 23:57 G | 47330372.39 | 47330372.50 | 47330372.61 | 0.3738 | 0.0542 |

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| Mercury | 124879-08-06 18:40 G | 47332396.18 | 47332396.28 | 47332396.38 | 0.3735 | 0.1539 |
| Mercury | 124885-02-19 13:09 G | 47334420.02 | 47334420.05 | 47334420.08 | 0.3731 | 0.3532 |
| Mercury | 124892-03-18 00:40 G | 47337003.42 | 47337003.53 | 47337003.63 | 0.3635 | 0.2019 |
| Mercury | 124897-10-01 23:43 G | 47339027.37 | 47339027.49 | 47339027.62 | 0.3639 | 0.0735 |
| Mercury | 124903-04-18 23:28 G | 47341051.47 | 47341051.48 | 47341051.49 | 0.3643 | 0.3614 |
| Mercury | 124925-02-12 03:19 G | 47349021.54 | 47349021.64 | 47349021.74 | 0.3741 | 0.1986 |
| Mercury | 124930-08-28 22:16 G | 47351045.31 | 47351045.43 | 47351045.54 | 0.3737 | 0.0155 |
| Mercury | 124936-03-13 17:00 G | 47353069.12 | 47353069.21 | 47353069.30 | 0.3734 | 0.2206 |
| Mercury | 124948-10-23 23:57 G | 47357676.38 | 47357676.50 | 47357676.63 | 0.3636 | 0.1158 |
| Mercury | 124954-05-09 23:28 G | 47359700.36 | 47359700.48 | 47359700.59 | 0.3640 | 0.1635 |
| Mercury | 124976-03-05 06:26 G | 47367670.73 | 47367670.77 | 47367670.81 | 0.3743 | 0.3490 |
| Mercury | 124981-09-19 01:38 G | 47369694.46 | 47369694.57 | 47369694.68 | 0.3740 | 0.1297 |
| Mercury | 124987-04-04 20:36 G | 47371718.25 | 47371718.36 | 47371718.47 | 0.3737 | 0.0832 |
| Mercury | 124992-10-18 15:04 G | 47373742.06 | 47373742.13 | 47373742.20 | 0.3733 | 0.2848 |
| Mercury | 124999-11-15 00:40 G | 47376325.45 | 47376325.53 | 47376325.60 | 0.3634 | 0.2935 |